

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BEACH1	Beach Sampling 6/3/85-12/31/04	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Enterococcus Group Bacteria	#/ml	Total	Actual					SM 9230.C.2	
10	Total Coliform	MPN	Total	Actual					9221-B	
11	Fecal Coliform	#/ml	Total	Actual					9222-D	
12	Fecal Coliform	MPN	Total	Actual					9221-E	
13	Total Nonfecal Coliform	#/ml	Total	Actual					9222-B	
14	Escherichia	#/100ml	Total	Actual					10029	
2	Escherichia	#/ml	Total	Actual					SM 9213.D.3	
3	Escherichia	MPN	Total	Actual					1104	
4	Fecal Streptococcus Group Bacteria	#/ml	Total	Actual					SM 9230.C.2	
5	Fecal Streptococcus Group Bacteria	MPN	Total	Actual					9230-B	
6	Lead	mg/l	Total	Actual					200.8(W)	
7	pH	None	Total	Actual					150.1	
8	Phosphorus as P	mg/l	Total	Actual					365.2	
9	Total Coliform	#/ml	Total	Actual					9222-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BEACH2	Beach Sampling 01/01/05 -	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	
2	Escherichia	#/100ml	Total	Actual					SM 19 9213.D.3	
3	Enterococcus Group Bacteria	MPN/100ml	Total	Actual					ENTEROLERT	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4	Escherichia	#/100ml	Total	Actual					10029	
5	Enterococcus Group Bacteria	#/100ml	Total	Actual					9230-C	
6	Escherichia	#/100ml	Total	Actual					9223-B	
7	Enterococcus Group Bacteria	MPN/100ml	Total	Actual					ASTM D6503-99(2)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BM-BIO	Biomonitoring-Biological	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1	Ablabesmyia		count Habit	Actual Sprawl			MX	
10	Acroneuria		count Habit	Actual Cling			PR	
100	Collembola		count Habit	Actual Other			CG	
101	Conchapelopia		count Habit	Actual Sprawl			PR	
102	Cordulegaster		count Habit	Actual Burrow			PR	
103	Cordulegaster maculata		count Habit	Actual Burrow			PR	
104	Corduliidae		count Habit	Actual Sprawl			PR	
105	Corydalidae		count Habit	Actual Cling			PR	
106	Corydalus		count	Actual			PR	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
107	Corydalus cornutus		count	Actual			PR	
			Habit	Cling				
108	Corynoneura		count	Actual			CG	
			Habit	Sprawl				
109	Crangonyx		count	Actual			CG	
			Habit	Swim				
11	Acroneuria abnormis		count	Actual			PR	
			Habit	Cling				
110	Cricotopus		count	Actual			MX	
			Habit	Sprawl				
111	Cricotopus (Isocladius)		count	Actual			MX	
			Habit	Other				
112	Cricotopus bicinctus		count	Actual			MX	
			Habit	Sprawl				
113	Cricotopus curtus		count	Actual			MX	
			Habit	Other				
114	Cricotopus festivellus		count	Actual			MX	
			Habit	Other				
116	Cricotopus sylvestris		count	Actual			MX	
			Habit	Sprawl				
117	Cricotopus tremulus		count	Actual			MX	
			Habit	Sprawl				
119	Cricotopus triannulatus		count	Actual			MX	
			Habit	Cling				
12	Acroneuria lycorias		count	Actual			PR	
			Habit	Cling				
120	Cricotopus tricinctus		count	Actual			MX	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
121	Cricotopus trifascia		count	Actual			MX	
			Habit	Swim				
123	Cricotopus vierriensis		count	Actual			MX	
			Habit	Cling				
124	Cryptochironomus		count	Actual			PR	
			Habit	Sprawl				
125	Culicoides		count	Actual			PR	
			Habit	Burrow				
126	Cyphoderus		count	Actual			CG	
			Habit	Other				
127	Cyrnellus		count	Actual			CF	
			Habit	Cling				
128	Decapoda		count	Actual			MX	
			Habit	Sprawl				
129	Demicryptochironomus		count	Actual			CG	
			Habit	Burrow				
13	Aeshna		count	Actual			PR	
			Habit	Climb				
130	Dentatella		count	Actual			CG	
			Habit	Cling				
131	Dentatella bartoni		count	Actual			CG	
			Habit	Cling				
132	Dero digitata		count	Actual			CG	
			Habit	Other				
133	Dero furcata		count	Actual			CG	Q
			Habit	Other				
134	Dero nivea		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Other				
135	Diamesa		count	Actual			CG	
			Habit	Sprawl				
136	Diamesinae		count	Actual			CG	
			Habit	Other				
137	Dicranota		count	Actual			PR	
			Habit	Sprawl				
138	Dicrotendipes		count	Actual			CG	
			Habit	Burrow				
139	Dicrotendipes neomodestus		count	Actual			CG	
			Habit	Burrow				
14	Aeshnidae		count	Actual			PR	
			Habit	Climb				
140	Dineutus		count	Actual			PR	
			Habit	Swim				
141	Diphetor		count	Actual			CG	
			Habit	Swim				
142	Diphetor hageni		count	Actual			CG	
			Habit	Swim				
143	Diplectrona		count	Actual			CF	
			Habit	Cling				
144	Diplocladius		count	Actual			CG	
			Habit	Sprawl				
145	Diplostraca		count	Actual			MX	
			Habit	Swim				
146	Dixa		count	Actual			CG	
			Habit	Swim				
147	Djalmabatista		count	Actual			PR	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Sprawl				
148	Dolophilodes		count	Actual			CF	
			Habit	Cling				
149	Dromogomphus		count	Actual			PR	
			Habit	Burrow				
15	Agapetus		count	Actual			SC	
			Habit	Cling				
150	Dubiraphia		count	Actual			CG	
			Habit	Sprawl				
151	Ectopria		count	Actual			SC	
			Habit	Sprawl				
152	Elmidae		count	Actual			MX	
			Habit	Cling				
153	Empididae		count	Actual			PR	
			Habit	Sprawl				
154	Enallagma		count	Actual			PR	
			Habit	Climb				
155	Enchytraeidae		count	Actual			CG	
			Habit	Burrow				
156	Endochironomus		count	Actual			SH	
			Habit	Cling				
157	Epeorus		count	Actual			SC	
			Habit	Cling				
158	Epeorus vitreus		count	Actual			SC	
			Habit	Cling				
159	Ephemera		count	Actual			CG	
			Habit	Burrow				
16	Agarodes		count	Actual			SH	

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			Habit	Sprawl				
160	Ephemerella		count	Actual			CG	
			Habit	Cling				
161	Ephemerellidae		count	Actual			CG	
			Habit	Cling				
162	Ephemeroptera		count	Actual			MX	
			Habit	Other				
163	Erpobdellidae		count	Actual			PR	
			Habit	Swim				
164	Eukiefferiella		count	Actual			CG	
			Habit	Sprawl				
165	Eukiefferiella brehmi		count	Actual			CG	
			Habit	Sprawl				
167	Eukiefferiella brevicalcar		count	Actual			CG	
			Habit	Sprawl				
168	Eukiefferiella claripennis		count	Actual			CG	
			Habit	Sprawl				
169	Eukiefferiella devonica		count	Actual			CG	
			Habit	Sprawl				
17	Agnetina		count	Actual			PR	
			Habit	Cling				
172	Eukiefferiella discoloripes		count	Actual			CG	
			Habit	Sprawl				
173	Eukiefferiella gracei		count	Actual			CG	
			Habit	Sprawl				
174	Eukiefferiella pseudomontana		count	Actual			CG	
			Habit	Sprawl				
176	Eukiefferiella similis		count	Actual			CG	

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			Habit	Sprawl				
177	Eurylophella		count	Actual			CG	
			Habit	Cling				
178	Ferrissia		count	Actual			SC	
			Habit	Cling				
179	Ferrissia rivularis		count	Actual			SC	
			Habit	Cling				
18	Agnentina capitata		count	Actual			PR	
			Habit	Cling				
180	Gammaridae		count	Actual			CG	
			Habit	Other				
181	Gammarus		count	Actual			CG	
			Habit	Swim				
182	Gammarus fasciatus		count	Actual			CG	
			Habit	Swim				
183	Gammarus lacustris		count	Actual			CG	
			Habit	Swim				
184	Gastropoda		count	Actual			SC	
			Habit	Cling				
185	Glossiphoniidae		count	Actual			PR	
			Habit	Swim				
186	Glossosoma		count	Actual			SC	
			Habit	Cling				
187	Glossosomatidae		count	Actual			SC	
			Habit	Cling				
188	Glyptotendipes		count	Actual			SH	
			Habit	Burrow				
189	Goera		count	Actual			SC	

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			Habit	Cling				
19	Agraylea		count	Actual			CG	
			Habit	Climb				
190	Gomphidae		count	Actual			PR	
			Habit	Burrow				
191	Gomphus		count	Actual			PR	
			Habit	Burrow				
192	Gyraulus		count	Actual			SC	
			Habit	Cling				
193	Habrophlebia		count	Actual			CG	
			Habit	Swim				
194	Hagenius		count	Actual			PR	
			Habit	Sprawl				
195	Hagenius brevistylus		count	Actual			PR	
			Habit	Sprawl				
196	Haliphus		count	Actual			SH	
			Habit	Sprawl				
197	Haploperla		count	Actual			PR	
			Habit	Cling				
198	Helicopsyche		count	Actual			SC	
			Habit	Cling				
199	Helicopsyche borealis		count	Actual			SC	
			Habit	Cling				
2	Ablabesmyia annulata		count	Actual			MX	
			Habit	Burrow				
20	Alboglossiphonia heteroclita		count	Actual			PR	
			Habit	Swim				
200	Helisoma		count	Actual			SC	

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			Habit	Cling				
201	Helisoma anceps		count	Actual			SC	
			Habit	Cling				
202	Hemerodromia		count	Actual			PR	
			Habit	Sprawl				
203	Hemiptera		count	Actual			MX	
			Habit	Other				
204	Heptagenia		count	Actual			SC	
			Habit	Cling				
205	Heptageniidae		count	Actual			SC	
			Habit	Cling				
206	Hetaerina		count	Actual			PR	
			Habit	Climb				
207	Heterocloeon		count	Actual			SC	
			Habit	Cling				
208	Hexagenia		count	Actual			CG	
			Habit	Burrow				
209	Hexatoma		count	Actual			PR	
			Habit	Burrow				
21	Allonais inequalis		count	Actual			CG	
			Habit	Climb				
210	Hirundinea		count	Actual			PR	
			Habit	Swim				
211	Hudsonimyia		count	Actual			PR	
			Habit	Sprawl				
212	Hyalella		count	Actual			CG	
			Habit	Swim				
213	Hyalella azteca		count	Actual			CG	

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			Habit	Swim				
214	Hydatophylax		count	Actual			SH	
			Habit	Sprawl				
215	Hydrachna		count	Actual			MX	
			Habit	Other				
216	Hydrachnidae		count	Actual			MX	
			Habit	Other				
217	Hydridae		count	Actual			NA	
			Habit	Cling				
218	Hydrobiidae		count	Actual			SC	
			Habit	Cling				
219	Hydrodroma		count	Actual			MX	
			Habit	Other				
22	Ameletus		count	Actual			CG	
			Habit	Swim				
220	Hydroporus		count	Actual			PR	
			Habit	Swim				
221	Hydropsyche		count	Actual			CF	
			Habit	Cling				
222	Hydropsyche aerata		count	Actual			CF	
			Habit	Cling				
223	Hydropsyche betteni		count	Actual			CF	
			Habit	Cling				
224	Hydropsyche dicantha		count	Actual			CF	
			Habit	Cling				
225	Hydropsyche phalerata		count	Actual			CF	
			Habit	Cling				
226	Hydropsyche venularis		count	Actual			CF	

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			Habit	Cling				
227	Hydropsychidae		count	Actual			CF	
			Habit	Cling				
228	Hydroptila		count	Actual			SC	
			Habit	Cling				
229	Hydroptilidae		count	Actual			MX	
			Habit	Cling				
23	Amnicola		count	Actual			SC	
			Habit	Cling				
230	Hydrozetes		count	Actual			NA	
			Habit	Other				
231	Hydryphantidae		count	Actual			MX	
			Habit	Other				
232	Hygrobates		count	Actual			MX	
			Habit	Other				
233	Hygrobatidae		count	Actual			MX	
			Habit	Other				
234	Ischnura		count	Actual			PR	
			Habit	Climb				
235	Isogenoides		count	Actual			PR	
			Habit	Cling				
236	Isonychia		count	Actual			CF	
			Habit	Swim				
237	Isoperla		count	Actual			PR	
			Habit	Cling				
238	Isotomurus		count	Actual			CG	
			Habit	Sprawl				
239	Labrundinia		count	Actual			PR	

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			Habit	Sprawl				
24	Amphinemura		count	Actual			SH	
			Habit	Sprawl				
240	Labrundinia pilosella		count	Actual			PR	
			Habit	Sprawl				
241	Laevapex fuscus		count	Actual			SC	
			Habit	Cling				
242	Lanthus		count	Actual			PR	
			Habit	Sprawl				
243	Larsia		count	Actual			PR	
			Habit	Sprawl				
244	Lauterborniella		count	Actual			CG	
			Habit	Cling				
245	Lebertia		count	Actual			MX	
			Habit	Other				
246	Lepidoptera		count	Actual			SH	
			Habit	Other				
247	Lepidostoma		count	Actual			SH	
			Habit	Cling				
248	Lepidostomatidae		count	Actual			SH	
			Habit	Cling				
249	Leptoceridae		count	Actual			MX	
			Habit	Cling				
25	Amphipoda		count	Actual			CG	
			Habit	Other				
250	Leptophlebia		count	Actual			CG	
			Habit	Swim				
251	Leptophlebiidae		count	Actual			CG	

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			Habit	Swim				
252	Lestes		count	Actual			PR	
			Habit	Climb				
253	Lestidae		count	Actual			PR	
			Habit	Climb				
254	Leucotrichia		count	Actual			SC	
			Habit	Cling				
255	Leucrocuta		count	Actual			SC	
			Habit	Cling				
256	Leuctra		count	Actual			SH	
			Habit	Sprawl				
257	Leuctridae		count	Actual			SH	
			Habit	Sprawl				
258	Limnephilidae		count	Actual			SH	
			Habit	Cling				
259	Limnocharidae		count	Actual			MX	
			Habit	Other				
26	Ancylidae		count	Actual			SC	
			Habit	Cling				
260	Limnodrilus hoffmeisteri		count	Actual			CG	
			Habit	Burrow				
261	Limnodrilus udekemianus		count	Actual			CG	
			Habit	Burrow				
262	Limnophila		count	Actual			PR	
			Habit	Burrow				
263	Limonia		count	Actual			SH	
			Habit	Burrow				
264	Lixus		count	Actual			SH	

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265	Lopescladius		count	Actual			CG	
			Habit	Sprawl				
266	Lumbricidae		count	Actual				
267	Lumbriculidae		count	Actual			CG	
			Habit	Burrow				
268	Lumbriculus		count	Actual			CG	
			Habit	Other				
269	Lumbriculus variegatus		count	Actual			CG	
			Habit	Other				
27	Ancyronyx		count	Actual			MX	
			Habit	Cling				
270	Lymnaeidae		count	Actual			SC	
			Habit	Cling				
271	Lype		count	Actual			SC	
			Habit	Cling				
272	Lype diversa		count	Actual			SC	
			Habit	Cling				
273	Macromia		count	Actual			PR	
			Habit	Sprawl				
274	Macromiinae		count	Actual			PR	
			Habit	Sprawl				
275	Macronychus		count	Actual			CG	
			Habit	Cling				
276	Macrostemum		count	Actual			CF	
			Habit	Cling				
277	Mallochohelea		count	Actual			PR	
			Habit	Burrow				
278	Megaloptera		count	Actual			PR	

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			Habit	Other				
279	Metisotoma		count	Actual			CG	
			Habit	Other				
28	Anisoptera		count	Actual			PR	
			Habit	Other				
280	Micrasema		count	Actual			SH	
			Habit	Cling				
281	Microcyloepus		count	Actual			CG	
			Habit	Cling				
282	Micropsectra		count	Actual			CG	
			Habit	Climb				
283	Microtendipes		count	Actual			CF	
			Habit	Cling				
284	Microtendipes pedellus		count	Actual			CF	
			Habit	Cling				
285	Microtendipes rydalensis		count	Actual			CF	
			Habit	Cling				
286	Microvelia		count	Actual			PR	
			Habit	Skater				
287	Mideopsis		count	Actual			PR	
			Habit	Other				
288	Mooreobdella fervida		count	Actual			PR	
			Habit	Swim				
289	Munroessa		count	Actual			SH	
			Habit	Climb				
29	Anopheles		count	Actual			CF	
			Habit	Swim				
290	Musculium		count	Actual			CF	

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			Habit	Burrow				
291	Mystacides		count	Actual			CG	
			Habit	Cling				
292	Naididae		count	Actual			CG	
			Habit	Other				
293	Nais		count	Actual			CG	
			Habit	Other				
294	Nais alpina		count	Actual			CG	
			Habit	Other				
295	Nais behningi		count	Actual			CG	
			Habit	Other				
296	Nais bretscheri		count	Actual			CG	
			Habit	Other				
297	Nais communis		count	Actual			CG	
			Habit	Other				
298	Nais pardalis		count	Actual			CG	
			Habit	Other				
299	Nais simplex		count	Actual			CG	
			Habit	Other				
3	Ablabesmyia mallochi		count	Actual			MX	
			Habit	Sprawl				
30	Anthopotamus		count	Actual			CG	
			Habit	Burrow				
300	Nanocladius		count	Actual			CG	
			Habit	Sprawl				
301	Nanocladius downesi		count	Actual			CG	
			Habit	Sprawl				
303	Nectopsyche		count	Actual			SH	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
304	Nemata		count	Actual			MX	
			Habit	Other				
305	Nemertea		count	Actual			PR	
			Habit	Other				
306	Nemocapnia		count	Actual			SH	
			Habit	Sprawl				
307	Nemouridae		count	Actual			SH	
			Habit	Sprawl				
308	Neoperla		count	Actual			PR	
			Habit	Cling				
309	Neophylax		count	Actual			SC	
			Habit	Cling				
31	Anthopotamus distinctus		count	Actual			CF	
			Habit	Burrow				
310	Neureclipsis		count	Actual			CF	
			Habit	Cling				
311	Neurocordulia		count	Actual			PR	
			Habit	Climb				
312	Nigronia		count	Actual			PR	
			Habit	Cling				
313	Nigronia serricornis		count	Actual			PR	
			Habit	Cling				
314	Nilotanypus		count	Actual			PR	
			Habit	Sprawl				
315	Nilothauma		count	Actual			CG	
			Habit	Sprawl				
316	Nyctiophylax		count	Actual			PR	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
319	Ochrotrichia		count	Actual			CG	
			Habit	Cling				
32	Antocha		count	Actual			CG	
			Habit	Cling				
320	Odonata		count	Actual			PR	
			Habit	Other				
321	Odontoceridae		count	Actual			SH	
			Habit	Other				
322	Oecetis		count	Actual			PR	
			Habit	Cling				
323	Oligochaeta		count	Actual			CG	
			Habit	Other				
324	Oligostomis		count	Actual			PR	
			Habit	Cling				
325	Ophidonais serpentina		count	Actual			CG	
			Habit	Other				
326	Ophiogomphus		count	Actual			PR	
			Habit	Burrow				
327	Optioservus		count	Actual			SC	
			Habit	Cling				
328	Orconectes		count	Actual			CG	
			Habit	Sprawl				
329	Orconectes limosus		count	Actual			MX	
			Habit	Sprawl				
33	Apatania		count	Actual			SC	
			Habit	Cling				
330	Oreodytes		count	Actual			PR	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Swim				
331	Orthoclaadiinae		count	Actual			CG	
			Habit	Burrow				
332	Orthocladus		count	Actual			CG	
			Habit	Sprawl				
333	Orthocladus annectens		count	Actual			CG	
			Habit	Sprawl				
334	Orthocladus dentifer		count	Actual			CG	
			Habit	Other				
335	Orthocladus lignicola		count	Actual			CG	
			Habit	Other				
336	Orthocladus rivulorum		count	Actual			PH	
			Habit	Other				
337	Orthotrichia		count	Actual			MX	
			Habit	Cling				
338	Oulimnius		count	Actual			SC	
			Habit	Cling				
339	Oulimnius latiusculus		count	Actual			SC	
			Habit	Cling				
34	Arctopsyche		count	Actual			CF	
			Habit	Cling				
340	Oxyethira		count	Actual			PH	
			Habit	Cling				
341	Pagastia		count	Actual			CG	
			Habit	Sprawl				
342	Pagastiella		count	Actual			NA	
			Habit	Sprawl				
343	Parachaetocladus		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Sprawl				
344	Parachironomus		count	Actual			PR	
			Habit	Sprawl				
345	Parachironomus carinatus		count	Actual			PR	
			Habit	Sprawl				
346	Parachironomus monochromus		count	Actual			MX	
			Habit	Sprawl				
347	Parachironomus pectinatellae		count	Actual			MX	
			Habit	Sprawl				
348	Paracladopelma		count	Actual			CG	
			Habit	Sprawl				
349	Paragnetina		count	Actual			PR	
			Habit	Cling				
35	Argia		count	Actual			PR	
			Habit	Cling				
350	Paragnetina immarginata		count	Actual			PR	
			Habit	Cling				
351	Paragnetina media		count	Actual			PR	
			Habit	Cling				
352	Parakiefferiella		count	Actual			CG	
			Habit	Sprawl				
353	Paralauterborniella		count	Actual			CL	
			Habit	Cling				
354	Paraleptophlebia		count	Actual			CG	
			Habit	Swim				
355	Paraleuctra		count	Actual			SH	
			Habit	Sprawl				
356	Paramerina		count	Actual			PR	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Sprawl				
357	Parametricnemus		count	Actual			CG	
			Habit	Sprawl				
358	Paraponyx		count	Actual			SH	
			Habit	Climb				
359	Parapsyche		count	Actual			CF	
			Habit	Cling				
36	Armiger		count	Actual			PR	
			Habit	Cling				
360	Paratanytarsus		count	Actual			CF	
			Habit	Sprawl				
361	Paratendipes		count	Actual			CG	
			Habit	Burrow				
362	Peltoperlidae		count	Actual			SH	
			Habit	Cling				
363	Pentaneura		count	Actual			PR	
			Habit	Sprawl				
364	Pericoma		count	Actual			CG	
			Habit	Burrow				
365	Perlidae		count	Actual			PR	
			Habit	Cling				
366	Perlodidae		count	Actual			PR	
			Habit	Cling				
367	Petrophila		count	Actual			SC	
			Habit	Cling				
368	Phaenopsectra		count	Actual			SC	
			Habit	Cling				
369	Philopotamidae		count	Actual			CF	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
37	Armiger crista		count	Actual			SC	
			Habit	Cling				
370	Physa		count	Actual			SC	
			Habit	Cling				
371	Physella		count	Actual			SC	
			Habit	Burrow				
372	Physella heterostropha		count	Actual			SC	
			Habit	Cling				
373	Physidae		count	Actual			SC	
			Habit	Cling				
374	Pisidium		count	Actual			CF	
			Habit	Burrow				
375	Planariidae		count	Actual			MX	
			Habit	Other				
376	Planorbidae		count	Actual			SC	
			Habit	Cling				
377	Plecoptera		count	Actual			MX	
			Habit	Other				
378	Polycentropodidae		count	Actual			CF	
			Habit	Cling				
379	Polycentropus		count	Actual			PR	
			Habit	Cling				
38	Atherix		count	Actual			PR	
			Habit	Sprawl				
380	Polypedilum		count	Actual			SH	
			Habit	Cling				
381	Polypedilum aviceps		count	Actual			SH	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
382	Polypedilum convictum		count	Actual			SH	
			Habit	Climb				
383	Polypedilum fallax		count	Actual			SH	
			Habit	Cling				
384	Polypedilum illinoense		count	Actual			SH	
			Habit	Cling				
385	Polypedilum laetum		count	Actual			SH	
			Habit	Climb				
386	Polypedilum ontario		count	Actual			SH	
			Habit	Other				
387	Polypedilum scalaenum		count	Actual			SH	
			Habit	Cling				
389	Polypedilum tritum		count	Actual			SH	
			Habit	Climb				
39	Atherix lantha		count	Actual			PR	
			Habit	Sprawl				
390	Potthastia		count	Actual			CG	
			Habit	Sprawl				
391	Potthastia gaedii		count	Actual			CG	
			Habit	Sprawl				
392	Potthastia longimana		count	Actual			CG	
			Habit	Sprawl				
393	Pristina		count	Actual			CG	
			Habit	Other				
394	Pristina aequiseta		count	Actual			CG	
			Habit	Other				
396	Pristina leidyi		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Other				
397	Pristina osborni		count	Actual			CG	
			Habit	Other				
398	Pristinella jenkiniae		count	Actual			CG	
			Habit	Other				
399	Pristinella osborni		count	Actual			CG	
			Habit	Other				
4	Acentrella		count	Actual			CG	
			Habit	Swim				
40	Atractides		count	Actual			MX	
			Habit	Other				
400	Probezzia		count	Actual			PR	
			Habit	Burrow				
401	Probythinella lacustris		count	Actual			SC	
			Habit	Cling				
402	Procladius		count	Actual			PR	
			Habit	Srawl				
403	Procloeon		count	Actual			MX	
			Habit	Swim				
404	Progomphus		count	Actual			PR	
			Habit	Burrow				
405	Promoresia		count	Actual			SC	
			Habit	Cling				
406	Promoresia elegans		count	Actual			SC	
			Habit	Cling				
407	Promoresia tardella		count	Actual			SC	
			Habit	Cling				
408	Prosimulium		count	Actual			CF	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
409	Prostoma		count	Actual			PR	
			Habit	Other				
41	Aturus		count	Actual			MX	
			Habit	Other				
410	Protzia		count	Actual			MX	
			Habit	Other				
411	Psectrocladius		count	Actual			CG	
			Habit	Climb				
412	Psectrocladius psilopterus		count	Actual			CG	
			Habit	Other				
413	Psephenidae		count	Actual			SC	
			Habit	Cling				
414	Psephenus		count	Actual			SC	
			Habit	Cling				
415	Psephenus herricki		count	Actual			SC	
			Habit	Cling				
416	Pseudochironomus		count	Actual			CG	
			Habit	Burrow				
417	Pseudocloeon		count	Actual			SC	
			Habit	Swim				
418	Pseudosuccinea columella		count	Actual			SC	
			Habit	Cling				
419	Psilotreta		count	Actual			SC	
			Habit	Cling				
42	Baetidae		count	Actual			CG	
			Habit	Swim				
420	Psychodidae		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Burrow				
421	Psychomyia		count	Actual			MX	
			Habit	Cling				
422	Psychomyiidae		count	Actual			CG	
			Habit	Cling				
423	Pteronarcys		count	Actual			SH	
			Habit	Cling				
424	Pteronarcys biloba		count	Actual			SH	
			Habit	Cling				
425	Ptilodactylidae		count	Actual			SH	
			Habit	Other				
426	Ptilostomis		count	Actual			SH	
			Habit	Cling				
427	Ptychoptera		count	Actual			CG	
			Habit	Burrow				
428	Pycnopsyche		count	Actual			SH	
			Habit	Sprawl				
429	Pyralidae		count	Actual			SH	
			Habit	Climb				
43	Baetis		count	Actual			CG	
			Habit	Swim				
430	Rhagovelia		count	Actual			PR	
			Habit	Skater				
431	Rheocricotopus		count	Actual			CG	
			Habit	Sprawl				
432	Rheocricotopus robacki		count	Actual			CG	
			Habit	Sprawl				
433	Rheopelopia		count	Actual			PR	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Sprawl				
434	Rheotanytarsus		count	Actual			CF	
			Habit	Cling				
436	Rhithrogena		count	Actual			MX	
			Habit	Cling				
437	Rhyacophila		count	Actual			PR	
			Habit	Cling				
438	Rhyacophila fuscula		count	Actual			PR	
			Habit	Cling				
439	Rhyacophilidae		count	Actual			PR	
			Habit	Cling				
44	Baetis brunneicolor		count	Actual			CG	
			Habit	Swim				
440	Rhyncholimnochares		count	Actual			MX	
			Habit	Other				
441	Ripistes parasita		count	Actual			CG	
			Habit	Other				
442	Serratella		count	Actual			CG	
			Habit	Cling				
443	Setodes		count	Actual			MX	
			Habit	Sprawl				
444	Sialis		count	Actual			PR	
			Habit	Burrow				
445	Simuliidae		count	Actual			CF	
			Habit	Cling				
446	Simulium		count	Actual			CF	
			Habit	Cling				
447	Slavina		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Other				
448	Slavina appendiculata		count	Actual			CG	
			Habit	Other				
449	Specaria josinae		count	Actual			CG	
			Habit	Other				
45	Baetis flavistriga		count	Actual			CG	
			Habit	Swim				
450	Sperchon		count	Actual			PR	
			Habit	Other				
451	Sperchonidae		count	Actual			NA	
			Habit	Other				
452	Sperchonopsis		count	Actual			MX	
			Habit	Other				
453	Sperchopsis		count	Actual			PR	
			Habit	Cling				
454	Sphaeriidae		count	Actual			CF	
			Habit	Burrow				
455	Sphaerium		count	Actual			CF	
			Habit	Burrow				
456	Stactobiella		count	Actual			SH	
			Habit	Cling				
457	Stempellina		count	Actual			CG	
			Habit	Cling				
458	Stempellinella		count	Actual			CG	
			Habit	Sprawl				
459	Stenacron		count	Actual			SC	
			Habit	Cling				
46	Baetis intercalaris		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Swim				
460	Stenacron interpunctatum		count	Actual			MX	
			Habit	Cling				
461	Stenelmis		count	Actual			SC	
			Habit	Cling				
462	Stenochironomus		count	Actual			MX	
			Habit	Burrow				
463	Stenonema		count	Actual			SC	
			Habit	Cling				
464	Stenonema luteum		count	Actual			SC	
			Habit	Cling				
465	Stenonema mediopunctatum		count	Actual			SC	
			Habit	Cling				
466	Stenonema modestum		count	Actual			SC	
			Habit	Cling				
467	Stenonema vicarium		count	Actual			SC	
			Habit	Cling				
468	Stictochironomus		count	Actual			CG	
			Habit	Sprawl				
469	Stilocladius		count	Actual			CG	
			Habit	Sprawl				
47	Baetisca		count	Actual			CG	
			Habit	Sprawl				
470	Stilocladius clinopecten		count	Actual			NA	
			Habit	Sprawl				
471	Stylaria		count	Actual			CG	
			Habit	Other				
472	Stylaria fossularis		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Other				
473	Stylaria lacustris		count	Actual			CG	
			Habit	Other				
474	Stylodrilus		count	Actual			CG	
			Habit	Other				
475	Stylodrilus heringianus		count	Actual			CG	
			Habit	Other				
476	Stylogomphus		count	Actual			PR	
			Habit	Burrow				
477	Sublettea		count	Actual			CF	
			Habit	Cling				
478	Sublettea coffmani		count	Actual			CF	
			Habit	Cling				
479	Sweltsa		count	Actual			PR	
			Habit	Cling				
48	Baetisca berneri		count	Actual			MX	
			Habit	Sprawl				
480	Synorthocladius		count	Actual			CG	
			Habit	Sprawl				
481	Synurella		count	Actual			CG	
			Habit	Other				
482	Synurella chamberlaini		count	Actual			CG	
			Habit	Other				
483	Tabanidae		count	Actual			PR	
			Habit	Sprawl				
484	Tabanus		count	Actual			PR	
			Habit	Sprawl				
485	Taeniopteryx		count	Actual			SH	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Sprawl				
486	Tallaperla		count	Actual			SH	
			Habit	Cling				
487	Tanypodinae		count	Actual			PR	
			Habit	Other				
488	Tanytarsus		count	Actual			CF	
			Habit	Cling				
489	Thienemanniella		count	Actual			CG	
			Habit	Sprawl				
49	Belostoma		count	Actual			PR	
			Habit	Climb				
490	Thienemannimyia		count	Actual			PR	
			Habit	Sprawl				
492	Thyopsella		count	Actual			MX	
			Habit	Other				
493	Tipula		count	Actual			SH	
			Habit	Burrow				
494	Tipulidae		count	Actual			SH	
			Habit	Burrow				
495	Torrenticola		count	Actual			MX	
			Habit	Other				
496	Triaenodes		count	Actual			SH	
			Habit	Swim				
497	Tribelos		count	Actual			CG	
			Habit	Burrow				
498	Trichoptera		count	Actual			MX	
			Habit	Other				
499	Tricorythodes		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
5	Acentrella ampla		count	Actual			CG	
			Habit	Swim				
50	Beraea		count	Actual			CG	
			Habit	Sprawl				
500	Trombidiformes		count	Actual			PR	
			Habit	Other				
501	Tubifex		count	Actual			CG	
			Habit	Burrow				
502	Tubificidae		count	Actual			CG	
			Habit	Burrow				
503	Turbellaria		count	Actual			PR	
			Habit	Other				
504	Tvetenia		count	Actual			CG	
			Habit	Sprawl				
505	Tvetenia bavarica		count	Actual			CG	
			Habit	Sprawl				
507	Tvetenia vitracies		count	Actual			CG	
			Habit	Sprawl				
508	Uncinaiis		count	Actual			CG	
			Habit	Other				
509	Uncinaiis uncinata		count	Actual			CF	
			Habit	Other				
51	Berosus		count	Actual			CG	
			Habit	Swim				
510	Unionidae		count	Actual			CF	
			Habit	Burrow				
511	Unniella multivirga		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Burrow				
512	Valvata		count	Actual			SC	
			Habit	Cling				
513	Vejdovskyella comata		count	Actual			CG	
			Habit	Other				
514	Veliidae		count	Actual			PR	
			Habit	Skater				
515	Viviparidae		count	Actual			SC	
			Habit	Cling				
516	Wormaldia		count	Actual			CF	
			Habit	Cling				
517	Zavreliomyia		count	Actual			PR	
			Habit	Sprawl				
519	Acentria		count	Actual				
52	Bezzia		count	Actual			PR	
			Habit	Sprawl				
520	Aedes		count	Actual				
521	Agabus		count	Actual				
522	Banksiola		count	Actual				
523	Campeloma decisum		count	Actual				
524	Chaoborus		count	Actual				
525	Chrysops		count	Actual				
526	Clioperla		count	Actual				
527	Cordulia		count	Actual				
528	Corisella		count	Actual				
529	Dixella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
530	Helius		count	Actual				
531	Hesperocorixa		count	Actual				
532	Hydrocanthus		count	Actual				
534	Hydrovatus		count	Actual				
535	Hygrotus		count	Actual				
536	Laccophilus		count	Actual				
537	Matus		count	Actual				
538	Menetus		count	Actual				
539	Molanna		count	Actual				
54	Blepharicera		count Habit	Actual Cling			SC	
540	Nais variabilis		count	Actual				
541	Nannothemis		count	Actual				
542	Nemotaulius		count	Actual				
543	Neoplea		count	Actual				
544	Nepa		count	Actual				
545	Notonecta		count	Actual				
546	Pelocoris		count	Actual				
547	Peltodytes		count	Actual				
548	Phryganea		count	Actual				
549	Phylocentropus		count	Actual				
55	Boyeria		count Habit	Actual Climb			PR	
550	Pilaria		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
551	Planorbula		count	Actual				
552	Ranatra		count	Actual				
553	Tropisternus		count	Actual				
554	Alboglossiphonia		count Habit	Actual Swim			PR	
555	Culicidae		count	Actual				
556	Dasyhelea		count	Actual				
557	Dolichopodidae		count	Actual				
558	Hydra		count	Actual				
559	Hydrophilidae		count	Actual				
56	Boyeria vinosa		count Habit	Actual Climb			PR	
560	Laevapex		count	Actual				
561	Prodiamesinae		count	Actual				
562	Scirtes		count	Actual				
563	Taenionema		count	Actual				
564	Corixidae		count	Actual				
565	Corduliinae		count	Actual				
567	Crangonyctidae		count	Actual				
568	Aulodrilus limnobius		count	Actual				
569	Aulodrilus pigueti		count	Actual				
57	Brachycentridae		count Habit	Actual Cling			SH	
570	Aulodrilus pluriseta		count	Actual				
571	Glossiphonia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
572	Ilyodrilus templetoni		count	Actual				
573	Placobdella		count	Actual				
574	Allonais		count	Actual			CG	
			Habit	Other				
575	Aulodrilus		count	Actual				
576	Campeloma		count	Actual				
577	Ceratopsyche		count	Actual			CF	
			Habit	Cling				
578	Chaetogaster		count	Actual			PR	
			Habit	Other				
579	Dero		count	Actual			CG	
			Habit	Other				
58	Brachycentrus		count	Actual			CF	
			Habit	Cling				
580	Ilyodrilus		count	Actual				
581	Limnodrilus		count	Actual			CG	
			Habit	Burrow				
582	Mooreobdella		count	Actual			PR	
			Habit	Swim				
583	Ophidonais		count	Actual			CG	
			Habit	Other				
585	Pristinella		count	Actual			CG	
			Habit	Other				
586	Probythinella		count	Actual			SC	
			Habit	Cling				
587	Pseudosuccinea		count	Actual			SC	
			Habit	Cling				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
588	Ripistes		count	Actual			CG	
			Habit	Other				
589	Specaria		count	Actual				
59	Brachycentrus numerosus		count	Actual			CF	
			Habit	Cling				
590	Unniella		count	Actual			CG	
			Habit	Burrow				
591	Vejdovskyella		count	Actual			CG	
			Habit	Other				
593	Dytiscidae		count	Actual				
595	Bittacomorpha		count	Actual				
596	Dero vaga		count	Actual				
597	Acarina		count	Actual				
598	Phryganeidae		count	Actual				
6	Acentrella turbida		count	Actual			CL	
			Habit	Swim				
60	Brachycercus		count	Actual			CG	
			Habit	Sprawl				
605	Ablabesmyia peleensis		count	Actual				
606	Acanthocephala		count	Actual				
608	Acroneuria carolinensis		count	Actual				
61	Brillia		count	Actual			SH	
			Habit	Sprawl				
610	Ancyronyx variegatus		count	Actual				
611	Annelida		count	Actual				
612	Apataniidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
613	Apsectrotanypus		count	Actual				
614	Arctopsyche ladogensis		count	Actual				
615	Arrenurus		count	Actual				
616	Attenella attenuata		count	Actual				
617	Baetis tricaudatus		count	Actual				
618	Blephariceridae		count	Actual				
619	Boyeria grafiana		count	Actual				
62	Brillia flavifrons		count	Actual			SH	
			Habit	Burrow				
620	Brachycentrus appalachia		count	Actual				
621	Brundiniella		count	Actual				
622	Caecidotea communis		count	Actual				
623	Callibaetis		count	Actual				
624	Calopteryx maculata		count	Actual			PR	
			Habit	Climb				
625	Ceratopogoninae		count	Actual				
628	Chaetocladius		count	Actual				
629	Chaetogaster limnaei		count	Actual				
63	Caecidotea		count	Actual			CG	
			Habit	Other				
630	Chauliodes		count	Actual				
631	Chironomini		count	Actual				
632	Cinygmula		count	Actual				
633	Cladopelma		count	Actual				
634	Clinotanypus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
635	Coleoptera		count	Actual				
636	Constempellina		count	Actual				
637	Coptotomus		count	Actual				
639	Cryptolabis		count	Actual				
64	Caenis		count	Actual			CG	
			Habit	Sprawl				
640	Cryptotendipes		count	Actual				
641	Cyrnellus fraternus		count	Actual				
642	Dannella		count	Actual				
643	Dicrotendipes modestus		count	Actual				
644	Disonycha		count	Actual				
645	Dixidae		count	Actual				
646	Drunella		count	Actual				
647	Drunella cornuta		count	Actual				
648	Drunella cornutella		count	Actual				
649	Drunella lata		count	Actual				
65	Calopterygidae		count	Actual			PR	
			Habit	Climb				
650	Elliptio		count	Actual				
651	Ephemerella dorothea		count	Actual				
652	Ephemerella subvaria		count	Actual				
653	Ephydridae		count	Actual				
654	Erioptera		count	Actual				
658	Eurylophella bicolor		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
659	Eurylophella funeralis		count	Actual				
66	Calopteryx		count	Actual			PR	
			Habit	Climb				
660	Gerridae		count	Actual				
661	Gyrinus		count	Actual				
662	Habrophlebia vibrans		count	Actual				
663	Haliplidae		count	Actual				
664	Helichus		count	Actual				
665	Helobdella		count	Actual				
666	Helobdella stagnalis		count	Actual				
668	Heterotrissocladius		count	Actual				
67	Calopteryx dimidiata		count	Actual			PR	
			Habit	Climb				
670	Hirudinidae		count	Actual				
672	Hydraena		count	Actual				
673	Hydrobius		count	Actual				
674	Hydrochus		count	Actual				
675	Hydrophiloidea		count	Actual				
677	Hydropsyche alhedra		count	Actual			CF	
			Habit	Cling				
679	Hydropsyche bronta		count	Actual			CF	
			Habit	Cling				
68	Cambaridae		count	Actual			CG	
			Habit	Sprawl				
681	Hydropsyche morosa		count	Actual			CF	
			Habit	Cling				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
682	Hydropsyche slossonae		count	Actual			CF	
			Habit	Cling				
683	Hydropsyche sparna		count	Actual			CF	
			Habit	Cling				
684	Ithytrichia		count	Actual				
685	Krenosmittia		count	Actual				
686	Libellulidae		count	Actual				
687	Limnesia		count	Actual				
688	Limnophyes		count	Actual				
69	Capniidae		count	Actual			SH	
			Habit	Cling				
690	Listronotus		count	Actual				
691	Lumbricina		count	Actual				
692	Macronychus glabratus		count	Actual				
693	Macropelopia		count	Actual				
694	Macrostemum carolina		count	Actual				
695	Mayatrichia		count	Actual				
696	Menetus dilatatus		count	Actual				
697	Metrobates		count	Actual				
7	Acerpenna		count	Actual			CG	
			Habit	Swim				
70	Cardiocladius		count	Actual			PR	
			Habit	Burrow				
701	Monodiamesa		count	Actual				
702	Mystacides alafimbriatus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
704	Natarsia		count	Actual				
705	Nematoda		count	Actual				
706	Neoplasta		count	Actual				
709	Neumania		count	Actual				
71	Centroptilum		count	Actual			CG	
			Habit	Swim				
710	Nilotanypus fimbriatus		count	Actual				
711	Odontomesa		count	Actual				
712	Onocosmoecus unicolor		count	Actual				
713	Optioservus ovalis		count	Actual				
714	Optioservus trivittatus		count	Actual				
715	Orconectes virilis		count	Actual				
716	Oreogeton		count	Actual				
717	Oribatei		count	Actual				
72	Ceraclea		count	Actual			CG	
			Habit	Sprawl				
722	Ostracoda		count	Actual				
724	Paraphaenocladus		count	Actual				
725	Pentaneurini		count	Actual				
726	Perlesta		count	Actual				
727	Platysmittia fimbriata		count	Actual				
728	Plauditus		count	Actual				
729	Polypedilum bergi		count	Actual				
73	Ceratopogon		count	Actual			PR	
			Habit	Sprawl				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
738	Promenetus exacuus		count	Actual				
739	Protoptila		count	Actual				
74	Ceratopogonidae		count	Actual			PR	
			Habit	Sprawl				
740	Pseudorthocladius		count	Actual				
741	Psilotreta frontalis		count	Actual				
742	Psilotreta indecisa		count	Actual				
743	Ramphocorixa		count	Actual				
745	Rheocricotopus tuberculatus		count	Actual				
747	Rhyacophila acutiloba		count	Actual			PR	
			Habit	Cling				
748	Rhyacophila carolina		count	Actual			PR	
			Habit	Cling				
75	Ceratopsyche alhedra		count	Actual			CF	
			Habit	Cling				
750	Robackia demeijerei		count	Actual				
751	Saetheria		count	Actual				
752	Serratella deficiens		count	Actual				
753	Serratella serrata		count	Actual				
754	Sigara		count	Actual				
755	Siphonurus		count	Actual				
756	Stagnicola		count	Actual				
757	Stilobezzia		count	Actual				
758	Stylogomphus albistylus		count	Actual				
759	Tanytarsini		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
76	Ceratopsyche bronta		count	Actual			CF	
			Habit	Cling				
764	Tvetenia paucunca		count	Actual				
765	Xenochironomus xenolabis		count	Actual				
766	Xylotopus		count	Actual				
767	Xylotopus par		count	Actual				
77	Ceratopsyche morosa		count	Actual			CF	
			Habit	Cling				
78	Ceratopsyche slossonae		count	Actual			CF	
			Habit	Cling				
79	Ceratopsyche sparna		count	Actual			CF	
			Habit	Cling				
792	Stegopterna		count	Actual			CF	
			Habit	Cling				
793	Arigomphus		count	Actual			PR	
			Habit	Burrow				
794	Aeolosoma		count	Actual				
798	Pseudolimnophila		count	Actual			PR	
			Habit	Burrow				
799	Branchiobdellida		count	Actual				
8	Acerpenna macdunnoughi		count	Actual			CG	
			Habit	Swim				
80	Ceratopsyche walkeri		count	Actual			CF	
			Habit	Cling				
801	Ormosia		count	Actual			CG	
			Habit	Burrow				
802	Alloperla		count	Actual			CG	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
803	Diura		count	Actual			PR	
			Habit	Sprawl				
804	Sciaridae		count	Actual				
805	Taeniopterygidae		count	Actual			SH	
			Habit	Sprawl				
806	Curculionidae		count	Actual			SH	
			Habit	Cling				
807	Suwallia		count	Actual			PR	
			Habit	Cling				
808	Paracapnia		count	Actual			SH	
			Habit	Sprawl				
809	Rhyacophila mainensis		count	Actual			PR	
			Habit	Cling				
81	Chaetogaster diaphanus		count	Actual			PR	
			Habit	Other				
810	Paragnetina fumosa		count	Actual			PR	
			Habit	Cling				
811	Heleniella		count	Actual				
			Habit	Sprawl				
812	Ephemerella aurivillii		count	Actual			CG	
			Habit	Cling				
816	Zygoptera		count	Actual			PR	
			Habit	Climb				
817	Fallceon quilleri		count	Actual			CG	
			Habit	Swim				
818	Perlinella		count	Actual			PR	
			Habit	Cling				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
82	Chaetogaster diastrophus		count	Actual			PR	
			Habit	Other				
821	Hydropsyche scalaris		count	Actual			CF	
			Habit	Cling				
822	Lauterborniella agrayloides		count	Actual			CG	
			Habit	Other				
823	Attaneuria		count	Actual			CG	
			Habit	Other				
824	Macrostemum zebratum		count	Actual			CF	
			Habit	Cling				
825	Uenoidae		count	Actual			SC	
			Habit	Cling				
826	Rhyacophila fenestra		count	Actual			PR	
			Habit	Cling				
827	Soyedina		count	Actual			SH	
			Habit	Cling				
828	Wiedemannia		count	Actual			PR	
			Habit	Cling				
829	Euryhapsis		count	Actual				
83	Chelifera		count	Actual			PR	
			Habit	Sprawl				
830	Ephemerella invaria		count	Actual			CG	
			Habit	Cling				
831	Paracricotopus		count	Actual			CG	
			Habit	Sprawl				
832	Wandesia		count	Actual				
833	Malirekus		count	Actual			PR	
			Habit	Cling				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
834	Nais elinguis		count	Actual			CG	
			Habit	Other				
835	Rhyacophila nigrita		count	Actual			PR	
			Habit	Cling				
836	Pedicia		count	Actual			PR	
			Habit	Burrow				
838	Rheosmittia		count	Actual				
839	Molophilus		count	Actual			CG	
			Habit	Burrow				
84	Cheumatopsyche		count	Actual			CF	
			Habit	Cling				
85	Chimarra		count	Actual			CF	
			Habit	Cling				
86	Chimarra aterrima		count	Actual			CF	
			Habit	Cling				
87	Chimarra obscura		count	Actual			CF	
			Habit	Cling				
88	Chimarra socia		count	Actual			CF	
			Habit	Cling				
89	Chironomidae		count	Actual			MX	
			Habit	Other				
9	Acerpenna pygmaea		count	Actual			CG	
			Habit	Swim				
90	Chironominae		count	Actual			MX	
			Habit	Burrow				
91	Chironomus		count	Actual			CG	
			Habit	Sprawl				
92	Chloroperlidae		count	Actual			PR	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
			Habit	Cling				
93	Cladocera		count	Actual			MX	
			Habit	Swim				
94	Cladotanytarsus		count	Actual			CF	
			Habit	Cling				
95	Clathrosperchon		count	Actual			PR	
			Habit	Other				
96	Clinocera		count	Actual			PR	
			Habit	Cling				
97	Clitellata		count	Actual			PR-CG	
			Habit	Other				
98	Cloeon		count	Actual			CG	
			Habit	Swim				
99	Coenagrionidae		count	Actual			PR	
			Habit	Climb				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BM-HAB	Biomonitoring Habitat Group	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
1	EPIFAUNAL SUBSTRATE	
10	Channel Sinuosity	
11	Left Bank Stability	
12	Right Bank Stability	
13	L-Bank Vegetative Protection	
14	R-Bank Vegetative Protection	
15	LB-Riparian Vegetative Zone W	

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Row ID	Characteristic Name	Description
16	RB-Riparian Vegetative Zone W	
17	Substrate Characterization	
2	Pool Substrate Characterizatio	
3	Embeddedness	
4	Velocity Depth Regime	
5	Pool Variability	
6	Sediment Deposition	
7	Channel Flow Status	
8	Channel Alteration	
9	Frequency of Riffles	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER1	River sampling 7/89 - 10/89	Sample	Water				N

Description This group incorporates all parameters that could be analyzed during an ambient river sampling event for the time period of 7/89 to 10/89. Methods for some of the parameters changed after 10/89 and can be found in River2 characteristic group.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
11	Chromium	mg/l	Total	Actual					218.1	
12	Copper	mg/l	Total	Actual					220.1	
13	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
14	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	
15	Escherichia coli	MPN	Total	Actual	MPN				1104	
16	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	
17	Flow	cfs		Actual					RIVERFLOW	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
18	General Observation (text)									
19	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Iron	mg/l	Total	Actual					236.1	
21	Lead	mg/l	Total	Actual					239.2	
22	Manganese	mg/l	Total	Actual					243.1	
23	Nickel	mg/l	Total	Actual					249.1	
24	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.3	
25	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
26	Nitrogen, ammonia as N	mg/l	Total	Actual					300(A)	
27	pH	None	Total	Actual					4500-H	
28	Phosphorus as P	mg/l	Total	Actual					365.2	
29	Depth, Secchi Disk Depth	m		Actual					SECCHI	
3	Arsenic	mg/l	Total	Actual					206.2	
30	Selenium	mg/l	Total	Actual					270.2	
31	Specific conductance	umho/cm		Actual					2510	
32	Fecal Streptococcus Group Bacteria	MPN	Total	Actual	MPN				9230-B	
33	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
34	Temperature, air	deg C		Actual					2550	
35	Temperature, water	deg C		Actual					2550	
36	Total Coliform	MPN	Total	Actual					9221-B	
37	Fecal Coliform	MPN	Total	Actual					9221-E	
38	Solids, Total	mg/l		Actual					160.3	
39	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
4	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
40	Turbidity	NTU		Actual					2130	
41	Water appearance (text)									
42	Weather Comments (text)									
43	Zinc	mg/l	Total	Actual					289.1	
5	BOD, ultimate	mg/l	Total	Actual					5210-C	
6	Cadmium	mg/l	Total	Actual					213.2	
7	Calcium	mg/l	Total	Actual					200.7(W)	
8	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
9	Chloride	mg/l	Total	Actual					300(A)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER2	River sampling 10/89 - 03/91	Sample	Water				N
Description		This group incorporates all parameters that could be analyzed during an ambient river sampling event for the time period of 10/89 to 03/91. Methods for some of the parameters changed after 03/91 and can be found in the River3 characteristic group.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
11	Chromium	mg/l	Total	Actual					200.7(W)	
12	Copper	mg/l	Total	Actual					200.8(W)	
13	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
14	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	
15	Escherichia coli	MPN	Total	Actual					1104	
16	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	
17	Flow	cfs		Actual					RIVERFLOW	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
18	General Observation (text)									
19	Hardness, Ca + Mg	mg/l		Calculated					200.7(W)	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Iron	mg/l	Total	Actual					200.7(W)	
21	Lead	mg/l	Total	Actual					239.2	
22	Manganese	mg/l	Total	Actual					200.7(W)	
23	Nickel	mg/l	Total	Actual					200.7(W)	
24	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.3	
25	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
26	Nitrogen, ammonia as N	mg/l	Total	Actual					300(A)	
27	pH	None	Total	Actual					4500-H	
28	Phosphorus as P	mg/l	Total	Actual					365.2	
29	Depth, Secchi Disk Depth	m		Actual					SECCHI	
3	Arsenic	mg/l	Total	Actual					206.2	
30	Selenium	mg/l	Total	Actual					270.2	
31	Specific conductance	umho/cm		Actual					2510	
32	Fecal Streptococcus Group Bacteria	MPN	Total	Actual	MPN				9230-B	
33	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
34	Temperature, air	deg C		Actual					2550	
35	Temperature, water	deg C		Actual					2550	
36	Total Coliform	MPN	Total	Actual					9221-B	
37	Fecal Coliform	MPN	Total	Actual					9221-E	
38	Solids, Total	mg/l		Actual					160.3	
39	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
4	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
40	Turbidity	NTU		Actual					2130	
41	Water appearance (text)									
42	Weather Comments (text)									
43	Zinc	mg/l	Total	Actual					200.8(W)	
5	BOD, ultimate	mg/l	Total	Actual					5210-C	
6	Cadmium	mg/l	Total	Actual					213.2	
7	Calcium	mg/l	Total	Actual					200.7(W)	
8	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
9	Chloride	mg/l	Total	Actual					300(A)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER3	River sampling 4/91 - 6/2/92	Sample	Water				N
Description		This group incorporates all parameters that could be analyzed during an ambient river sampling event for the time period of 4/91-6/2/92. Methods for some of the parameters changed after 6/2/92 which caused the creation of the River4 characteristic group.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
11	Chromium	mg/l	Total	Actual					200.7(W)	
12	Copper	mg/l	Total	Actual					200.8(W)	
13	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
14	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	
15	Escherichia coli	MPN	Total	Actual	MPN				1104	
16	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	
17	Flow	cfs		Actual					RIVERFLOW	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
18	General Observation (text)									
19	Hardness, Ca + Mg	mg/l		Calculated					200.7(W)	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Iron	mg/l	Total	Actual					200.7(W)	
21	Lead	mg/l	Total	Actual					239.2	
22	Manganese	mg/l	Total	Actual					200.7(W)	
23	Nickel	mg/l	Total	Actual					200.7(W)	
24	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
25	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
26	Nitrogen, ammonia as N	mg/l	Total	Actual					353.2	
27	pH	None	Total	Actual					4500-H	
28	Phosphorus as P	mg/l	Total	Actual					365.2	
29	Depth, Secchi Disk Depth	m		Actual					SECCHI	
3	Arsenic	mg/l	Total	Actual					206.2	
30	Selenium	mg/l	Total	Actual					270.2	
31	Specific conductance	umho/cm		Actual					UNKNOWN	
32	Fecal Streptococcus Group Bacteria	MPN	Total	Actual	MPN				9230-B	
33	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
34	Temperature, air	deg C		Actual					2550	
35	Temperature, water	deg C		Actual					2550	
36	Total Coliform	MPN	Total	Actual	MPN				9221-B	
37	Fecal Coliform	MPN	Total	Actual	MPN				9221-E	
38	Solids, Total	mg/l		Actual					160.3	
39	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
4	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
40	Turbidity	NTU		Actual					2130	
41	Water appearance (text)									
42	Weather Comments (text)									
43	Zinc	mg/l	Total	Actual					200.8(W)	
5	BOD, ultimate	mg/l	Total	Actual					5210-C	
5A	BOD, ultimate carbonaceous	mg/l	Total	Actual					5210-C	
6	Cadmium	mg/l	Total	Actual					213.2	
7	Calcium	mg/l	Total	Actual					200.7(W)	
8	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
9	Chloride	mg/l	Total	Actual					325.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER4	River sampling 6/3/92- 4/30/93	Sample	Water				N

Description This group incorporates all parameters that could be analyzed during an ambient river sampling event for the time period of 6/3/92-4/30/93. Methods for some of the parameters changed after 4/93 prompting the creation of the River5 characteristic group.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
11	Chromium	mg/l	Total	Actual					200.7(W)	
12	Copper	mg/l	Total	Actual					200.8(W)	
13	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
14	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	
15	Escherichia coli	#/100ml	Total	Actual					SM 9213.D.3	
16	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Flow	cfs		Actual					RIVERFLOW	
18	General Observation (text)									
19	Hardness, Ca + Mg	mg/l		Calculated					200.7(W)	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Iron	mg/l	Total	Actual					200.7(W)	
21	Lead	mg/l	Total	Actual					239.2	
22	Manganese	mg/l	Total	Actual					200.7(W)	
23	Nickel	mg/l	Total	Actual					200.7(W)	
24	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
25	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
26	Nitrogen, ammonia as N	mg/l	Total	Actual						
27	pH	None	Total	Actual					4500-H	
28	Phosphorus as P	mg/l	Total	Actual					365.2	
29	Depth, Secchi Disk Depth	m		Actual					SECCHI	
3	Arsenic	mg/l	Total	Actual					206.2	
30	Selenium	mg/l	Total	Actual					270.2	
31	Specific conductance	umho/cm		Actual					2510	
32	Fecal Streptococcus Group Bacteria	MPN	Total	Actual	MPN				9230-B	
33	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
34	Temperature, air	deg C		Actual					2550	
35	Temperature, water	deg C		Actual					2550	
36	Total Coliform	MPN	Total	Actual					9221-B	
37	Fecal Coliform	MPN	Total	Actual					9221-E	
38	Solids, Total	mg/l		Actual					160.3	
39	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
4	BOD, Biochemical oxygen	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	demand									
40	Turbidity	NTU		Actual					2130	
41	Water appearance (text)									
42	Weather Comments (text)									
43	Zinc	mg/l	Total	Actual					200.8(W)	
5	BOD, ultimate	mg/l	Total	Actual					5210-C	
6	Cadmium	mg/l	Total	Actual					213.2	
7	Calcium	mg/l	Total	Actual					200.7(W)	
8	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
9	Chloride	mg/l	Total	Actual					325.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER5	River sampling 5/01/93 - 4/98	Sample	Water				N

Description This group incorporates all parameters that could be analyzed during an ambient river sampling event during the time period of 5/01/93 - 4/98. Methods for some of the parameters changed after 4/98 which caused the creation of the River6 char group.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
11	Chromium	mg/l	Total	Actual					200.7(W)	
12	Copper	mg/l	Total	Actual					200.8(W)	
13	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
14	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	
15	Escherichia coli	#/100ml	Total	Actual					SM 9213.D.3	
16	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Flow	cfs		Actual					RIVERFLOW	
18	General Observation (text)									
19	Hardness, Ca + Mg	mg/l		Calculated					200.7(W)	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Iron	mg/l	Total	Actual					200.7(W)	
21	Lead	mg/l	Total	Actual					200.9	
22	Manganese	mg/l	Total	Actual					200.7(W)	
23	Nickel	mg/l	Total	Actual					200.7(W)	
24	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
25	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
26	Nitrogen, ammonia as N	mg/l	Total	Actual					353.2	
27	pH	None	Total	Actual					4500-H	
28	Phosphorus as P	mg/l	Total	Actual					365.2	
29	Depth, Secchi Disk Depth	m		Actual					SECCHI	
3	Arsenic	mg/l	Total	Actual					200.9	
30	Selenium	mg/l	Total	Actual					200.9	
31	Specific conductance	umho/cm		Actual					2510	
32	Fecal Streptococcus Group Bacteria	MPN	Total	Actual	MPN				9230-B	
33	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
34	Temperature, air	deg C		Actual					2550	
35	Temperature, water	deg C		Actual					2550	
36	Total Coliform	MPN	Total	Actual					9221-B	
37	Fecal Coliform	MPN	Total	Actual					9221-E	
38	Solids, Total	mg/l		Actual					160.3	
39	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
4	BOD, Biochemical oxygen	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	demand									
40	Turbidity	NTU		Actual					2130	
41	Water appearance (text)									
42	Weather Comments (text)									
43	Zinc	mg/l	Total	Actual					200.8(W)	
5	BOD, ultimate	mg/l	Total	Actual					5210-C	
6	Cadmium	mg/l	Total	Actual					200.9	
7	Calcium	mg/l	Total	Actual					200.7(W)	
8	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
9	Chloride	mg/l	Total	Actual					325.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER6	River sampling 5/98 - 12/03	Sample	Water				N
Description		This group incorporates all parameters that could be analyzed during an ambient or volunteer river sampling event for the time period of 5/98 to 12/03.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
10A	Chlorophyll a (probe relative fluorescence)	ug/l	Total	Actual					LIMNO QA MANUAL	
11	Chromium	mg/l	Total	Actual					200.7(W)	
12	Copper	mg/l	Total	Actual					200.8(W)	
13	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
14	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
15	Escherichia coli	#/100ml	Total	Actual					SM 9213.D.3	
15A	Escherichia coli	#/100ml	Total	Actual					1103.1	
16	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	
17	Flow	cfs		Actual					RIVERFLOW	
18	General Observation (text)									
19	Hardness, Ca + Mg	mg/l		Calculated					200.7(W)	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Iron	mg/l	Total	Actual					200.7(W)	
21	Lead	mg/l	Total	Actual					200.8(W)	
22	Manganese	mg/l	Total	Actual					200.7(W)	
23	Nickel	mg/l	Total	Actual					200.7(W)	
24	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
25	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
26	Nitrogen, ammonia as N	mg/l	Total	Actual					353.2	
27	pH	None	Total	Actual					4500-H	
27A	pH	None	Total	Actual					150.1	
28	Phosphorus as P	mg/l	Total	Actual					365.2	
28A	Phosphorus as P	mg/l	Total	Actual					365.3	
28B	Phosphorus as P	mg/l	Total	Actual					4500-P-F	
29	Depth, Secchi Disk Depth	m		Actual					SECCHI	
3	Arsenic	mg/l	Total	Actual					200.8(W)	
30	Selenium	mg/l	Total	Actual					200.8(W)	
31	Specific conductance	umho/cm		Actual					2510	
32	Fecal Streptococcus Group Bacteria	MPN	Total	Actual	MPN				9230-B	
33	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
34	Temperature, air	deg C		Actual					2550	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
35	Temperature, water	deg C		Actual					2550	
36	Total Coliform	MPN	Total	Actual					9221-B	
37	Fecal Coliform	MPN	Total	Actual					9221-E	
38	Solids, Total	mg/l		Actual					160.3	
39	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
4	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
40	Turbidity	NTU		Actual					2130	
40A	Turbidity	NTU		Actual					180.1	
41	Water appearance (text)									
42	Weather Comments (text)									
43	Zinc	mg/l	Total	Actual					200.8(W)	
44	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
45	Magnesium	mg/l	Total	Actual					200.7(W)	
46	Mercury	mg/l	Total	Actual					200.7(W)	
47	MTBE, Methyl tertiary butyl ether	mg/l	Total	Actual					524.2	
48	Sodium	mg/l	Total	Actual					200.7(W)	
49	Velocity - stream	ft/sec		Actual						
4A	BOD, Biochemical oxygen demand	mg/l	Total	Actual					405.1	
5	BOD, ultimate	mg/l	Total	Actual					5210-C	
50	Potassium	mg/l	Total	Actual					10-510-00-1-A	
51	Color, Apparent	None	Total	Actual					2120-B	
51A	Color, Apparent	None	Total	Actual					8025	
52	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					353.2	
53	Phosphorus, orthophosphate as P	ug/l	Total	Actual					4500-P-F	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
54	Nitrogen, ammonium (NH4) as NH4	ug/l	Total	Actual					4500-NH3(H)	
55	UV Absorption, relative conc. of organic constituents	units/cm	Total	Actual					5910-B	
6	Cadmium	mg/l	Total	Actual					200.8(W)	
7	Calcium	mg/l	Total	Actual					200.7(W)	
8	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
9	Chloride	mg/l	Total	Actual					325.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER7	VRAP data 8/27/98 - 9/16/98	Sample	Water				N

Description During this time frame, the VRAP program sometimes used method 1103.1 for E.Coli. This grouping captures those records.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
11	Chromium	mg/l	Total	Actual					200.7(W)	
12	Copper	mg/l	Total	Actual					200.8(W)	
13	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
14	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	
15	Escherichia coli	#/100ml	Total	Actual					1103.1	
16	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	
17	Flow	cfs		Actual					RIVERFLOW	
18	General Observation (text)									
19	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Iron	mg/l	Total	Actual					200.7(W)	
21	Lead	mg/l	Total	Actual					200.8(W)	
22	Manganese	mg/l	Total	Actual					200.7(W)	
23	Nickel	mg/l	Total	Actual					200.7(W)	
24	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
25	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
26	Nitrogen, ammonia as N	mg/l	Total	Actual					353.2	
27	pH	None	Total	Actual					4500-H	
28	Phosphorus as P	mg/l	Total	Actual					365.2	
29	Depth, Secchi Disk Depth	m		Actual					SECCHI	
3	Arsenic	mg/l	Total	Actual					200.8(W)	
30	Selenium	mg/l	Total	Actual					200.8(W)	
31	Specific conductance	umho/cm		Actual					2510	
32	Fecal Streptococcus Group Bacteria	MPN	Total	Actual	MPN				9230-B	
33	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
34	Temperature, air	deg C		Actual					2550	
35	Temperature, water	deg C		Actual					2550	
36	Total Coliform	MPN	Total	Actual	MPN				9221-B	
37	Fecal Coliform	MPN	Total	Actual	MPN				9221-E	
38	Solids, Total	mg/l		Actual					160.3	
39	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
4	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
40	Turbidity	NTU		Actual					2130	
41	Water appearance (text)									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Weather Comments (text)									
43	Zinc	mg/l	Total	Actual					200.8(W)	
5	BOD, ultimate	mg/l	Total	Actual					5210-C	
6	Cadmium	mg/l	Total	Actual					200.8(W)	
7	Calcium	mg/l	Total	Actual					200.7(W)	
8	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
9	Chloride	mg/l	Total	Actual					325.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER8	River sampling 01/04 -12/05	Sample	Water				N
Description		This group incorporates all parameters that could be analyzed during an ambient or volunteer river sampling event for the time period of 01/2004 to the present					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
11	Dissolved oxygen saturation	%	Dissolved	Actual					4500-O-G	
12	Escherichia coli	#/100ml	Total	Actual					SM 9213.D.3	
12A	Escherichia coli	#/100ml	Total	Actual					1103.1	
12B	Escherichia coli	#/100ml	Total	Actual					9222-B	
13	Hardness, Ca + Mg	mg/l		Calculated					200.7(W)	
13A	Hardness, Ca + Mg	mg/l		Calculated					200	
14	Iron	mg/l	Total	Actual					200.7(W)	
15	Lead	mg/l	Total	Actual					200.8(W)	
15A	Lead	mg/l	Total	Actual					200	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					524.2	
17	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
18	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
18A	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	
19	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
19A	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					353(VAR)	
19B	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(D)	
19C	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					4110-B	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
21	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					353.2	
22	pH	None	Total	Actual					4500-H	
22A	pH	None	Total	Actual					150.1	
23	Phosphorus as P	mg/l	Total	Actual					365.3	
23A	Phosphorus as P	mg/l	Total	Actual					4500-P-E	
24	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.3	
24A	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.2	
25	Depth, Secchi Disk Depth	m		Actual					SECCHI	
26	Solids, Total	mg/l		Actual					160.3	
27	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
28	Specific conductance	umho/cm		Actual					2510	
28A	Specific conductance	umho/cm		Actual					120.1	
29	Temperature, air	deg C		Actual					2550	
2A	Aluminum	mg/l	Total	Actual					200	
3	Color, Apparent	None	Total	Actual					8025	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
30	Temperature, water	deg C		Actual					2550	
31	Turbidity	NTU		Actual					180.1	
31A	Turbidity	NTU		Actual					2130	
32	UV Absorption, relative conc. of organic constituents	units/cm	Total	Actual					5910-B	
33	Weather Comments (text)									
34	Zinc	mg/l	Total	Actual					200.8(W)	
34A	Zinc	mg/l	Total	Actual					200	
35	Calcium	mg/l	Total	Actual					200	
35A	Calcium	mg/l	Total	Actual					SM 4110 A	
36	Carbon, organic	mg/l	Dissolved	Actual					5310-B	
36A	Carbon, organic	mg/l	Dissolved	Actual					SM 5310 A	
37	Magnesium	mg/l	Total	Actual					200	
37A	Magnesium	mg/l	Total	Actual					SM 4110 A	
38	Manganese	mg/l	Total	Actual					200	
39	Potassium	mg/l	Total	Actual					200	
39A	Potassium	mg/l	Total	Actual					SM 4110 A	
4	Arsenic	mg/l	Total	Actual					200.8(W)	
40	Sodium	mg/l	Total	Actual					200	
40A	Sodium	mg/l	Total	Actual					SM 4110 A	
41	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
41A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					4110-B	
42	Weather Comments (text)									
43	Phosphate	ug/l	Total	Actual					365.2	
44	Nitrogen, ammonium (NH4) as NH4	ug/l	Total	Actual					350.1	
45	Flow	cfs		Actual					RIVERFLOW	
5	BOD, Biochemical oxygen	mg/l	Total	Actual					405.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	demand									
6	Chloride	mg/l	Total	Actual					325.2	
6A	Chloride	mg/l	Total	Actual					4110-B	
7	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
8	Copper	mg/l	Total	Actual					200.8(W)	
8A	Copper	mg/l	Total	Actual					200	
9	Depth, bottom	m		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER9	River sampling 01/06 -	Sample	Water				N
Description		This group incorporates all parameters that could be analyzed during an ambient or volunteer river sampling event for the time period of 01/2004 to the present					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
10	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
11	Dissolved oxygen saturation	%		Actual					4500-O-G	
12A	Escherichia coli	#/100ml		Actual					9213-D	
12B	Escherichia coli	#/100ml		Actual					1103.1	
12C	Escherichia coli	#/100ml		Actual					9222-D	
14	Hardness, Ca + Mg	mg/l		Actual					200.7(W)	
15A	Lead	mg/l	Total	Actual					200.8(W)	
15B	Lead	mg/l	Total	Actual					3113-B	
16A	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
16B	Nitrogen, ammonia as N	mg/l	Total	Actual					350.2(C)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17A	Nitrogen, Kjeldahl	mg/l		Actual					351.2	
17B	Nitrogen, Kjeldahl	mg/l		Actual					351.3(A)	
18A	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					9056	
18B	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
19	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
2	Aluminum	mg/l	Total	Actual					200.7(W)	
20	pH	None		Actual					4500-H	
21A	Phosphorus as P	mg/l	Total	Actual					365.3	
21B	Phosphorus as P	mg/l	Total	Actual					365.2	
22	Phosphorus, orthophosphate as P	mg/l		Actual					365.2	
23A	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
23B	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	
24	Solids, Total	mg/l		Actual					2540-B	
25	Specific conductance	umho/cm		Actual					2510	
26	Temperature, air	deg C		Actual					2550	
27	Temperature, water	deg C		Actual					2550	
28	Turbidity	NTU		Actual					180.1	
29	Velocity - stream	ft/sec		Actual						
3	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
30	Weather Comments (text)									
31A	Zinc	mg/l	Total	Actual					200.7(W)	
31B	Zinc	mg/l	Total	Actual					3113-B	
4	Cadmium	mg/l	Total	Actual					3113-B	
5	Calcium	mg/l	Total	Actual					200.7(W)	
6	Chloride	mg/l	Total	Actual					325.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
7	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-H	
8A	Copper	mg/l	Total	Actual					200.8(W)	
8B	Copper	mg/l	Total	Actual					3113-B	
9	Depth	ft		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SHELLFSH	Shellfish Sampling 01/97 -	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Fecal Coliform	#/100ml	Total	Actual					9222-D	
10	Weather Comments (text)									
11	General Observation (text)									
12-DDV	Flow	cfs		Calculated					SHELLFISH FLOW	
13-DDV-FLOAT	Flow	cfs		Calculated					SHELLFISH FLOW	
14-DDV-METER	Flow	cfs		Calculated					SHELLFISH FLOW	
15-DWV	Flow	cfs		Calculated					SHELLFISH FLOW	
16-DWV-FLOAT	Flow	cfs		Calculated					SHELLFISH FLOW	
17-DWV-METER	Flow	cfs		Calculated					SHELLFISH FLOW	
18-ESTIMATE	Flow	cfs		Estimated					SHELLFISH FLOW	
19-OBSERVED	Flow	cfs		Estimated					SHELLFISH	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
									FLOW	
2	Fecal Coliform	MPN/100ml	Total	Actual					9221-E	
20-VELOCITY	Flow	cfs		Calculated					SHELLFISH FLOW	
21-VOLUMETRIC	Flow	cfs		Calculated					SHELLFISH FLOW	
21A-UNKNOWN	Flow	cfs		Actual					UNKNOWN	
22	Depth	in		Actual						
3	Fecal Coliform	#/100ml	Total	Actual					DUFOUR MTEC	
3A	Fecal Coliform	MPN/100ml	Total	Actual					APHA 3.0	
4	Escherichia coli	#/100ml	Total	Actual					SM 9213.D.3	
5	Escherichia coli	#/100ml	Total	Actual					1103.1	
6	Enterococcus Group Bacteria	#/100ml	Total	Actual					SM 9230.C.2	
7	Temperature, water	deg C		Actual					2550	
8	Salinity	ppth	Total	Actual					2520-B	
9	pH	None	Total	Actual					4500-H	

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USEPA, Region I

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACT001	Routine Bacteria Study	Sample	Biological	Taxon Abundance	Bacteria/Virus	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
BACT01	Escherichia coli		#/100ml	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACT002	Toxicity Testing	Sample	Biological	Taxon Abundance	Mammals	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
1	Ceriodaphnia dubia		MPN	Actual				
2	Pimephales promelas		MPN	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASICWQ	Basic Water Quality Sampling	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
WQ001	Temperature, water	deg C		Actual						
WQ002	Specific conductance	mS/cm		Actual						
WQ003	Dissolved oxygen (DO)	mg/l		Actual						
WQ004	pH	None		Actual						
WQ005	Turbidity	NTU		Actual						
WQ006	Depth, Secchi Disk Depth	m		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHARL98	Baseline Water Quality Study	Sample	Water				N

Characteristic Group Details

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USEPA, Region I

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-H	
10	Aluminum	ug/l	Total	Actual					200.8(W)	
11	Antimony	ug/l	Total	Actual					200.8(W)	
12	Arsenic	ug/l	Total	Actual					200.8(W)	
13	Barium	ug/l	Total	Actual					200.8(W)	
14	Beryllium	ug/l	Total	Actual					200.8(W)	
15	Cadmium	ug/l	Total	Actual					200.8(W)	
16	Calcium	ug/l	Total	Actual					200.7(W)	
17	Chromium	ug/l	Total	Actual					200.8(W)	
18	Cobalt	ug/l	Total	Actual					200.8(W)	
19	Copper	ug/l	Total	Actual					200.8(W)	
2	Color, True			Actual					110.3	
20	Lead	ug/l	Total	Actual					200.8(W)	
21	Magnesium	ug/l	Total	Actual					200.7(W)	
22	Manganese	ug/l	Total	Actual					200.8(W)	
23	Mercury	ng/l	Total	Actual						
24	Molybdenum	ug/l	Total	Actual					200.8(W)	
25	Nickel	ug/l	Total	Actual					200.8(W)	
26	Selenium	ug/l	Total	Actual					200.8(W)	
27	Silver	ug/l	Total	Actual					200.8(W)	
28	Thallium	ug/l	Total	Actual					200.8(W)	
29	Uranium	ug/l	Total	Actual					200.8(W)	
3	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
	Acceptable Range	0.00000 - 20,000.00000 mg/l								
30	Vanadium	ug/l	Total	Actual					200.8(W)	
31	Zinc	ug/l	Total	Actual					200.8(W)	
32	Hardness, carbonate	mg/l		Calculated						

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USEPA, Region I

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
5	Phosphorus	mg/l		Actual					365.2	
6	Phosphorus, orthophosphate as PO4	mg/l		Actual					300(A)	
7	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.1	
8	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					300(A)	
9	Fecal Coliform	#/100ml		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CONT001	Continuous Monitoring Data	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual						
2	Specific conductance	mS/cm		Actual						
3	Dissolved oxygen (DO)	mg/l		Actual						
4	Dissolved oxygen saturation	%		Actual						
5	pH	None		Actual						

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US EPA Region 7

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AAQUAVEG	aquatic veg group trial	Sample	Biological	Taxon Abundance	Aquatic Vegetation	Multi-Taxon Population Census	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ALK_BICA	Alkalinity (bicarbonate),water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
12	Alkalinity, Bicarbonate as CaCO3	mg/l		Actual					SOP3132.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ALK_CARB	Alkalinity (carbonate), water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
013	Alkalinity, Carbonate as CaCO3	mg/l		Actual					SOP3132.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMMONIA	Ammonia, water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
018	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					SOP3133.1	

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US EPA Region 7

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ANTIM_S	Antimony, sediment	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
022	Antimony	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ANTIM_SL	Antimony, soil	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
022	Antimony	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ANTIM_W	Antimony, water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
022	Antimony	ug/l	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ANTIM_WD	Antimony, dissolved, water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL,

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US EPA Region 7

EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
022	Antimony	ug/l	Dissolved	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ARSEN_F	Arsenic, fish	Sample	Biological	Tissue			N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
030	Arsenic	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ARSEN_S	Arsenic, sediment	Sample	Sediment				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
030	Arsenic	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ARSEN_SL	Arsenic, soil	Sample	Soil				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
030	Arsenic	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
ARSEN_W	Arsenic, water	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
030	Arsenic	ug/l	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
ARSEN_WD	Arsenic, dissolved, water	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
030	Arsenic	ug/l	Dissolved	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AWETSNGL	Wetland single taxon ind trial	Sample	Biological	Taxon Abundance	Aquatic Vegetation	Single Taxon Individuals	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BOD20_C	CBOD20, water, DO Probe	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
053	BOD, carbonaceous	mg/l		Actual					SOP3153.1	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
BOD20_T	BOD20, water, DO Probe	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
052	BOD, Biochemical oxygen demand	mg/l		Actual					SOP3153.1	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
BOD5_C	CBOD5, water, DO Probe	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
051	BOD, carbonaceous	mg/l		Actual					SOP3153.1	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
BOD5_T	BOD5, water, DO Probe	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
050	BOD, Biochemical oxygen demand	mg/l		Actual					SOP3153.1	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
CADMI_F	Cadmium, fish	Sample	Biological	Tissue						N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
073	Cadmium	mg/kg	Total	Actual					SOP3121.21	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
CADMI_S	Cadmium, sediment	Sample	Sediment							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
073	Cadmium	mg/kg	Total	Actual					SOP3121.21	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
CADMI_SL	Cadmium, soil	Sample	Soil							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
073	Cadmium	mg/kg	Total	Actual					SOP3121.21	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
CADMI_W	Cadmium, water	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
073	Cadmium	ug/l	Total	Actual					SOP3121.21	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
CADMI_WD	Cadmium, dissolved, water	Sample	Water							N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
073	Cadmium	ug/l	Dissolved	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CARP	CARP LENGTH AND WEIGHT	Sample	Biological	Tissue			N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Weight	g		Actual						
	Length, Total (Fish)	cm		Actual						
	Cyprinus carpio	count								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHLORIDE	Chloride, water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
082	Chloride	mg/l	Total	Actual					SOP3135.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHLORO_A	Chlorophyll A (- Pheophytin A)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
093	Chlorophyll a, corrected for pheophytin	mg/l		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHROM_HX	Hexavalent Chromium or Cr(VI)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
097	Chromium, hexavalent	ug/l	Total	Actual					SOP3124.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CL_TR_W	Total Residual Chlorine, Fld	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
083	Chlorine	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COD	Chemical Oxygen Demand (COD)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
102	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual					SOP3153.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CONDOC	Conductivity, Specific	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Specific conductance	umho/cm		Actual					SOP2336.6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CONDOC_B	Conductivity on bio samples	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Specific conductance	umho/cm		Actual					SOP2336.6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CONDOC_F	Conductivity by field measure	Field Msr/Obs	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Specific conductance	umho/cm		Actual					REMAP FIELD PAR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CYA_A_S	Cyanide, amenable, sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
106	Cyanide	mg/kg		Actual					SOP3135.7	

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Group ID CYA_A_SL	Group Name Cyanide, amenable, soil	Field Activity Sample	Medium Soil	Intent	Community	Result Group	Habitat N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
106	Cyanide	mg/kg		Actual					SOP3135.7	

Group ID CYA_A_W	Group Name Cyanide, amenable, water	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
106	Cyanide	mg/l		Actual					SOP3135.2	

Group ID CYA_T_S	Group Name Cyanide, total, sediment	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N
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Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
106	Cyanide	mg/kg	Total	Actual					SOP3135.7	

Group ID CYA_T_SL	Group Name Cyanide, total, soil	Field Activity Sample	Medium Soil	Intent	Community	Result Group	Habitat N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
106	Cyanide	mg/kg		Actual					SOP3135.7	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CYA_T_W	Cyanide, total, water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Description This analysis provides analytical data for cyanide in drinking water, ground and surface water, domestic and industrial wastes, and leachates and satisfies all of the applicable program requirements for both Superfund, RCRA, SDWA, NPDES.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
106	Cyanide	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DIAZ FNP	Diazinon in Whole Fish, GC/NPD	Sample	Biological	Tissue			N

Citations R7 AMM - US EPA Region 7 Laboratory, Updated Annually, US EPA Region 7 Laboratory Analytical Methods Manual, US EPA Region 7 Laboratory, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
118	Diazinon	mg/kg	Total	Actual					RLABM3240.2E NP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DO	Dissolved Oxygen,water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
164	Dissolved oxygen (DO)	mg/l		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DO_FLD	Dissolved Oxygen, water, field	Field Msr/Obs	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
164	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DO_LAB	Dissolved Oxygen,water,bio sam	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
164	Dissolved oxygen (DO)	mg/l		Actual					SOP2336.7	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW_CFS	Flow,cubic feet per second	Field Msr/Obs	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
177	Flow	cfs		Actual					REMAP FIELD PAR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW_GPM	Flow, gallons per minute	Field Msr/Obs	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
178	Flow	gal/min		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FLOW_MGD	Flow,million gallons per day	Field Msr/Obs	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
179	Flow	mg/day		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLUORIDE	Fluoride, water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
182	Fluorides	mg/l	Total	Actual					SOP3135.6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
GWCNM	George Washington Carver w&s	Sample	Sediment				N			
Description		This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Cobalt		Total	Actual						
	Chromium		Total	Actual					SOP3122.3	
	Calcium	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Cadmium		Total	Actual					SOP3122.3	
	Beryllium		Total	Actual					SOP3122.3	
	Barium	ug/l	Total	Actual					SOP3122.3	
	Arsenic		Total	Actual					SOP3122.3	
	Antimony		Total	Actual					SOP3122.3	
	Aluminum	ug/l	Total	Actual					SOP3122.3	
	Lead		Total	Actual					SOP3122.3	
	Iron	ug/l	Total	Actual					SOP3122.3	
	Copper		Total	Actual					SOP3122.3	
	Zinc		Total	Actual						
	Vanadium		Total	Actual						
	Titanium		Total	Actual					SOP3122.3	
	Thallium		Total	Actual					SOP3122.3	
	Sodium	ug/l	Total	Actual					SOP3122.3	
	Silver		Total	Actual					SOP3122.3	
	Selenium		Total	Actual					SOP3122.3	
	Potassium		Total	Actual						
	Nickel		Total	Actual					SOP3122.3	
	Molybdenum		Total	Actual					SOP3122.3	
	Manganese	ug/l	Total	Actual					SOP3122.3	
	Magnesium	ug/l	Total	Actual					SOP3122.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HABASSGP	habitat assess group trial	Field Msr/Obs					Y

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HARD_CAL	Hardness, water by calculation	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
194	Hardness, carbonate	mg/l		Calculated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HARD_EDT	Hardness,CaCO3Titration,bio	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
194	Hardness, Ca + Mg	mg/l		Actual					SOP2336.8	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HERBI_DW	Herbicides, drinking water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
002	2,4,5-T + Silvex	ug/l		Actual					SOP3240.5	
003	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					SOP3240.5	
125	Dicamba	ug/l		Actual					SOP3240.5	
156	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l		Actual					SOP3240.5	
276	Pentachlorophenol (PCP)	ug/l	Total	Actual					SOP3240.5	
290	Picloram	ug/l		Actual					SOP3240.5	

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Group ID HERBI_S	Group Name Herbicides, sediment	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	2,4,5-T, Trichlorophenoxyacetic acid	ug/kg	Total	Actual						
002	2,4,5-T + Silvex	ug/kg		Actual						
003	2,4-D, Dichlorophenoxyacetic acid	ug/kg	Total	Actual						

Group ID HERBI_SL	Group Name Herbicides, soil	Field Activity Sample	Medium Soil	Intent	Community	Result Group	Habitat N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	2,4,5-T, Trichlorophenoxyacetic acid	ug/kg	Total	Actual						
002	2,4,5-T + Silvex	ug/kg		Actual						
003	2,4-D, Dichlorophenoxyacetic acid	ug/kg	Total	Actual						

Group ID HERBI_W	Group Name Herbicides, water	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual						
002	2,4,5-T + Silvex	ug/l		Actual						
003	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	acid									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HG FF14D	Mercury in Fish Fillet	Sample	Biological	Tissue			N
Citations		R7 AMM - US EPA Region 7 Laboratory, Updated Annually, US EPA Region 7 Laboratory Analytical Methods Manual, US EPA Region 7 Laboratory, .					
Description		Analysis of fish fillet samples by RLAB Method 3121.14D.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	mg/kg	Total	Actual					RLABM3121.14 D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HG WF14D	Mercury in Whole Fish	Sample	Biological	Tissue			N
Citations		R7 AMM - US EPA Region 7 Laboratory, Updated Annually, US EPA Region 7 Laboratory Analytical Methods Manual, US EPA Region 7 Laboratory, .					
Description		Analysis of whole fish samples by RLAB Method 3121.14D.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	mg/kg	Total	Actual					RLABM3121.14 D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HS_CAL	Hydrogen Sulfide,water by calc	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
318	Hydrogen sulfide	mg/l		Calculated					SOP3135.8	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LEAD_F	Lead, fish by AA	Sample	Biological	Tissue			N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
215	Lead	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LEAD_S	Lead, sediment by AA	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
215	Lead	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LEAD_SL	Lead, soil by AA	Sample	Soil				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
215	Lead	mg/kg	Total	Actual					SOP3121.21	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LEAD_W	Lead, water by AA	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
215	Lead	ug/l	Total	Actual					SOP3121.21	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
LEAD_WD	Lead, dissolved, water	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
215	Lead	ug/l	Dissolved	Actual					SOP3121.21	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
MERCU_FF	Mercury, fish fillet	Sample	Biological	Tissue						N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	mg/kg	Total	Actual					SOP3121.14	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
MERCU_S	Mercury, sediment	Sample	Sediment							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	mg/kg	Total	Actual					SOP3121.14	
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
MERCU_SL	Mercury, soil	Sample	Soil							N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	mg/kg	Total	Actual					SOP3121.14	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MERCU_W	Mercury, water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	ug/l	Total	Actual					SOP3121.14	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MERCU_WD	Mercury, dissolved, water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	ug/l	Dissolved	Actual					SOP3121.14	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MERCU_WF	Mercury, whole fish	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
218	Mercury	mg/kg	Total	Actual					SOP3121.14	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MET F 3A	Metals in Fish by ICP	Sample	Biological	Tissue			N

Citations R7 AMM - US EPA Region 7 Laboratory, Updated Annually, US EPA Region 7 Laboratory Analytical Methods Manual, US

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Description EPA Region 7 Laboratory, .
Analysis of fish samples by RLAB Method 3122.3A.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
073	Cadmium	mg/kg	Total	Actual					RLABM3122.3A	
215	Lead	mg/kg	Total	Actual					RLABM3122.3A	
306	Selenium	mg/kg	Total	Actual					RLABM3122.3A	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METAL_F	Metals, fish	Sample	Biological	Tissue			N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
073	Cadmium	mg/kg	Total	Actual					SOP3122.3	
215	Lead	mg/kg	Total	Actual					SOP3122.3	
218	Mercury	mg/kg	Total	Actual					SOP3121.14	
306	Selenium	mg/kg	Total	Actual					SOP3122.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METAL_S	Metals, sediment, by ICP	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
016	Aluminum	mg/kg	Total	Actual					SOP3122.3	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METAL_W	Metals, water, by ICP	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
016	Aluminum	ug/l	Total	Actual					SOP3122.3	
022	Antimony	ug/l	Total	Actual					SOP3122.3	
030	Arsenic	ug/l	Total	Actual					SOP3122.3	
032	Barium	ug/l	Total	Actual					SOP3122.3	
041	Beryllium	ug/l	Total	Actual					SOP3122.3	
073	Cadmium	ug/l	Total	Actual					SOP3122.3	
074	Calcium	ug/l	Total	Actual						
098	Chromium	ug/l	Total	Actual					SOP3122.3	
101	Cobalt	ug/l	Total	Actual						
104	Copper	ug/l	Total	Actual					SOP3122.3	
209	Iron	ug/l	Total	Actual					SOP3122.3	
215	Lead	ug/l	Total	Actual					SOP3122.3	
216	Magnesium	ug/l	Total	Actual					SOP3122.3	
217	Manganese	ug/l	Total	Actual					SOP3122.3	
247	Molybdenum	ug/l	Total	Actual					SOP3122.3	
249	Nickel	ug/l	Total	Actual					SOP3122.3	
293	Potassium	ug/l	Total	Actual						
306	Selenium	ug/l	Total	Actual					SOP3122.3	
307	Silver	ug/l	Total	Actual					SOP3122.3	
309	Sodium	ug/l	Total	Actual					SOP3122.3	
325	Thallium	ug/l	Total	Actual					SOP3122.3	
327	Titanium	ug/l	Total	Actual					SOP3122.3	
356	Vanadium	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
361	Zinc	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METAL_WD	Metals, dissolved, water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
016	Aluminum	ug/l	Dissolved	Actual					SOP3122.3	
022	Antimony	ug/l	Dissolved	Actual					SOP3122.3	
030	Arsenic	ug/l	Dissolved	Actual					SOP3122.3	
032	Barium	ug/l	Dissolved	Actual					SOP3122.3	
041	Beryllium	ug/l	Dissolved	Actual					SOP3122.3	
073	Cadmium	ug/l	Dissolved	Actual					SOP3122.3	
074	Calcium	mg/l	Dissolved	Actual					SOP3122.3	
098	Chromium	ug/l	Dissolved	Actual					SOP3122.3	
101	Cobalt	ug/l	Dissolved	Actual					SOP3122.3	
104	Copper	ug/l	Dissolved	Actual					SOP3122.3	
209	Iron	ug/l	Dissolved	Actual					SOP3122.3	
215	Lead	ug/l	Dissolved	Actual					SOP3122.3	
216	Magnesium	mg/l	Dissolved	Actual					SOP3122.3	
217	Manganese	ug/l	Dissolved	Actual					SOP3122.3	
247	Molybdenum	ug/l	Dissolved	Actual					SOP3122.3	
249	Nickel	ug/l	Dissolved	Actual					SOP3122.3	
293	Potassium	mg/l	Dissolved	Actual					SOP3122.3	
306	Selenium	ug/l	Dissolved	Actual					SOP3122.3	
307	Silver	ug/l	Dissolved	Actual					SOP3122.3	
309	Sodium	mg/l	Dissolved	Actual					SOP3122.3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
325	Thallium	ug/l	Dissolved	Actual					SOP3122.3	
327	Titanium	ug/l	Dissolved	Actual					SOP3122.3	
356	Vanadium	ug/l	Dissolved	Actual					SOP3122.3	
361	Zinc	ug/l	Dissolved	Actual					SOP3122.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MTBE_S	Methyl tert-Butyl Ether(MTBE)	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
221	MTBE, Methyl tertiary butyl ether	ug/kg	Total	Actual					SOP3230.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MTBE_SL	Methyl tert-Butyl Ether(MTBE)	Sample	Soil				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
221	MTBE, Methyl tertiary butyl ether	ug/kg	Total	Actual					SOP3230.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MTBE_W	Methyl tert-Butyl Ether(MTBE)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
221	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					SOP3230.1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NAPHTH_W	Naphthalene,water,GC/MS(VOA)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
248	Naphthalene	ug/l	Total	Actual					SOP3230.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NFS	NFS or Nonfilterable Soilds	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NO3NO2S	Nitrogen,Nitrate+Nitrite, sedi	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
250	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg		Actual					SOP3133.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NO3NO2SL	Nitrogen,Nitrate+Nitrite,soil	Sample	Soil				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
250	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg		Actual					SOP3133.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NO3NO2_W	Nitrogen,Nitrate+Nitrite,water	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
250	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					SOP3133.2	
Group ID N_NO2_W	Group Name Nitrogen, Nitrite in water		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
252	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					SOP3133.2	
Group ID N_NO3_W	Group Name Nitrogen, Nitrate in water		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
251	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					SOP3133.2	
Group ID N_TK_S	Group Name Total Kjeldahl Nitro,Sediment		Field Activity Sample	Medium Sediment	Intent	Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
259	Nitrogen, Kjeldahl	mg/kg		Actual						
Group ID N_TK_SL	Group Name Total Kjeldahl Nitrogen,Soil		Field Activity Sample	Medium Soil	Intent	Community			Result Group	Habitat N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
259	Nitrogen, Kjeldahl	mg/kg		Actual						
Group ID N_TK_W	Group Name Total Kjeldahl Nitrogen,Water		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
259	Nitrogen, Kjeldahl	mg/l		Actual						
Group ID N_T_CALC	Group Name Nitrogen,total,by calc		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
	Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
258	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Calculated						
Group ID O&G_W	Group Name Oil & Grease in water		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
269	Oil and Grease	mg/l		Actual					SOP3152.2	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
PAH/G_S	PAH's, sediment by GC/MS	Sample	Sediment				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
004	Acenaphthene	ug/kg		Actual					RLAB M3230.2	
005	Acenaphthylene	ug/kg		Actual					RLAB M3230.2	
021	Anthracene	ug/kg	Total	Actual					RLAB M3230.2	
034	Benzo[a]anthracene	ug/kg		Actual					RLAB M3230.2	
035	Benzo[a]pyrene	ug/kg		Actual					RLAB M3230.2	
036	Benzo[b]fluoranthene	ug/kg	Total	Actual					RLAB M3230.2	
037	Benzo[g,h,i]perylene	ug/kg	Total	Actual					RLAB M3230.2	
038	Benzo[k]fluoranthene	ug/kg	Total	Actual					RLAB M3230.2	
090	Chloronaphthalene-2	ug/kg		Actual					RLAB M3230.2	
099	Chrysenes C1-C4	ug/kg	Total	Actual					RLAB M3230.2	
119	Dibenzo[a,h]anthracene	ug/kg		Actual					RLAB M3230.2	
180	Fluoranthenes, C1-C4	ug/kg	Total	Actual					RLAB M3230.2	
181	Fluorenes, C1-C3	ug/kg	Total	Actual					RLAB M3230.2	
208	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual					RLAB M3230.2	
237	Methylnaphthalene, 2-	ug/kg	Total	Actual					RLAB M3230.2	
256	nitro-Benzene	ug/kg	Total	Actual					RLAB M3230.2	
285	Phenanthrenes, C1-C4	ug/kg	Total	Actual					RLAB M3230.2	
304	Pyrene	ug/kg	Total	Actual					RLAB M3230.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PAH/G_SL	PAH's, soil by GC/MS	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
004	Acenaphthene	ug/kg		Actual					RLAB M3230.2	
005	Acenaphthylene	ug/kg		Actual					RLAB M3230.2	
021	Anthracene	ug/kg	Total	Actual					RLAB M3230.2	
034	Benzo[a]anthracene	ug/kg		Actual					RLAB M3230.2	
035	Benzo[a]pyrene	ug/kg		Actual					RLAB M3230.2	
036	Benzo[b]fluoranthene	ug/kg	Total	Actual					RLAB M3230.2	
037	Benzo[g,h,i]perylene	ug/kg	Total	Actual					RLAB M3230.2	
038	Benzo[k]fluoranthene	ug/kg	Total	Actual					RLAB M3230.2	
090	Chloronaphthalene-2	ug/kg		Actual					RLAB M3230.2	
099	Chrysenes C1-C4	ug/kg	Total	Actual					RLAB M3230.2	
119	Dibenzo[a,h]anthracene	ug/kg		Actual					RLAB M3230.2	
180	Fluoranthenes, C1-C4	ug/kg	Total	Actual					RLAB M3230.2	
181	Fluorenes, C1-C3	ug/kg	Total	Actual					RLAB M3230.2	
208	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual					RLAB M3230.2	
237	Methylnaphthalene, 2-	ug/kg	Total	Actual					RLAB M3230.2	
256	nitro-Benzene	ug/kg	Total	Actual					RLAB M3230.2	
285	Phenanthrenes, C1-C4	ug/kg	Total	Actual					RLAB M3230.2	
304	Pyrene	ug/kg	Total	Actual					RLAB M3230.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PAH/G_W	PAH's, water by GC/MS	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
004	Acenaphthene	ug/l	Total	Actual					RLAB M3230.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
005	Acenaphthylene	ug/l	Total	Actual					RLAB M3230.2	
021	Anthracene	ug/l	Total	Actual					RLAB M3230.2	
034	Benzo[a]anthracene	ug/l	Total	Actual					RLAB M3230.2	
035	Benzo[a]pyrene	ug/l	Total	Actual					RLAB M3230.2	
036	Benzo[b]fluoranthene	ug/l	Total	Actual					RLAB M3230.2	
037	Benzo[g,h,i]perylene	ug/l	Total	Actual					RLAB M3230.2	
038	Benzo[k]fluoranthene	ug/l	Total	Actual					RLAB M3230.2	
090	Chloronaphthalene-2	ug/l	Total	Actual					RLAB M3230.2	
099	Chrysenes C1-C4	ug/l	Total	Actual					RLAB M3230.2	
119	Dibenzo[a,h]anthracene	ug/l	Total	Actual					RLAB M3230.2	
180	Fluoranthenes, C1-C4	ug/l	Total	Actual					RLAB M3230.2	
181	Fluorenes, C1-C3	ug/l	Total	Actual					RLAB M3230.2	
208	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					RLAB M3230.2	
237	Methylnaphthalene, 2-	ug/l	Total	Actual					RLAB M3230.2	
248	Naphthalene	ug/l	Total	Actual					RLAB M3230.2	
285	Phenanthrenes, C1-C4	ug/l	Total	Actual					RLAB M3230.2	
304	Pyrene	ug/l	Total	Actual					RLAB M3230.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PAH/HP_W	PAH's, water by HPLC	Sample	Water				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
004	Acenaphthene	ug/l		Actual					SOP3260.3	
005	Acenaphthylene	ug/l		Actual					SOP3260.3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
021	Anthracene	ug/l	Total	Actual					SOP3260.3	
034	Benzo[a]anthracene	ug/l		Actual					SOP3260.3	
035	Benzo[a]pyrene	ug/l		Actual					SOP3260.3	
036	Benzo[b]fluoranthene	ug/l	Total	Actual					SOP3260.3	
037	Benzo[g,h,i]perylene	ug/l	Total	Actual					SOP3260.3	
038	Benzo[k]fluoranthene	ug/l	Total	Actual					SOP3260.3	
099	Chrysenes C1-C4	ug/l	Total	Actual					SOP3260.3	
119	Dibenzo[a,h]anthracene	ug/l		Actual					SOP3260.3	
180	Fluoranthenes, C1-C4	ug/l	Total	Actual					SOP3260.3	
181	Fluorenes, C1-C3	ug/l	Total	Actual					SOP3260.3	
208	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					SOP3260.3	
248	Naphthalene	ug/l	Total	Actual					SOP3260.3	
285	Phenanthrenes, C1-C4	ug/l	Total	Actual					SOP3260.3	
304	Pyrene	ug/l	Total	Actual					SOP3260.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PCB_S	PCBs, sediment by GC/EC	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
023	Pcb-aroclor 1016	ug/kg	Total	Actual					SOP3240.2	
024	Pcb-aroclor 1221	ug/kg	Total	Actual					SOP3240.2	
025	Pcb-aroclor 1232	ug/kg	Total	Actual					SOP3240.2	
026	Pcb-aroclor 1242	ug/kg	Total	Actual					SOP3240.2	
027	Pcb-aroclor 1248	ug/kg	Total	Actual					SOP3240.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PCB_SL	PCBs, soil by GC/EC	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
023	Pcb-aroclor 1016	ug/kg	Total	Actual					SOP3240.2	
024	Pcb-aroclor 1221	ug/kg	Total	Actual					SOP3240.2	
025	Pcb-aroclor 1232	ug/kg	Total	Actual					SOP3240.2	
026	Pcb-aroclor 1242	ug/kg	Total	Actual					SOP3240.2	
027	Pcb-aroclor 1248	ug/kg	Total	Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PCDD_S	PCDD/PCDF, sediment by GC/HRMS	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
157	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	ng/kg	Total	Actual					M1613 REV B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
158	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
159	Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
160	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
161	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
162	1,2,3,4,6,7,8-Heptachlorodibenzodioxin (1,2,3,4,6,7,8-TCDD)	ng/kg	Total	Actual					M1613 REV B	
163	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
183	Tetrachlorodibenzofuran, 2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
184	Pentachlorodibenzofuran, 1,2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
185	Pentachlorodibenzofuran, 2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
186	Hexachlorodibenzofuran, 1,2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
187	Hexachlorodibenzofuran, 1,2,3,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
188	Hexachlorodibenzofuran, 1,2,3,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
189	Hexachlorodibenzofuran, 2,3,4,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
190	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
191	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
192	Octachlorodibenzofuran (OCDF)	ng/kg	Total	Actual					M1613 REV B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
193	Dioxins and Furans (unspecified mix)	ng/kg	Total	Actual					M1613 REV B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PCDD_SL	PCDD/PCDF,soil by GC/HRMS	Sample	Soil				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
157	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	ng/kg	Total	Actual					M1613 REV B	
158	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
159	Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
160	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
161	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
162	1,2,3,4,6,7,8-Heptachlorodibenzodioxin (1,2,3,4,6,7,8-HCDD)	ng/kg	Total	Actual					M1613 REV B	
163	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
183	Tetrachlorodibenzofuran, 2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
184	Pentachlorodibenzofuran, 1,2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
185	Pentachlorodibenzofuran, 2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
186	Hexachlorodibenzofuran, 1,2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
187	Hexachlorodibenzofuran, 1,2,3,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
188	Hexachlorodibenzofuran, 1,2,3,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
189	Hexachlorodibenzofuran, 2,3,4,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
190	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
191	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
192	Octachlorodibenzofuran (OCDF)	ng/kg	Total	Actual					M1613 REV B	
193	Dioxins and Furans (unspecified mix)	ng/kg	Total	Actual					M1613 REV B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PCDD_T	PCDD/PCDF,tissue by GC/HRMS	Sample	Biological	Tissue			N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
157	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	ng/kg	Total	Actual					M1613 REV B	
158	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
159	Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
160	Hexachlorodibenzo-p-dioxin,	ng/kg	Total	Actual					M1613 REV B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
161	1,2,3,6,7,8- Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
162	1,2,3,4,6,7,8- Heptachlorodibenzodioxin (1,2,3,4,6,7,8- HCDD)	ng/kg	Total	Actual					M1613 REV B	
163	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
183	Tetrachlorodibenzofuran, 2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
184	Pentachlorodibenzofuran, 1,2,3,7,8-	ng/kg	Total	Actual					M1613 REV B	
185	Pentachlorodibenzofuran, 2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
186	Hexachlorodibenzofuran, 1,2,3,4,7,8-	ng/kg	Total	Actual					M1613 REV B	
187	Hexachlorodibenzofuran, 1,2,3,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
188	Hexachlorodibenzofuran, 1,2,3,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
189	Hexachlorodibenzofuran, 2,3,4,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
190	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	ng/kg	Total	Actual					M1613 REV B	
191	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-	ng/kg	Total	Actual					M1613 REV B	
192	Octachlorodibenzofuran (OCDF)	ng/kg	Total	Actual					M1613 REV B	
193	Dioxins and Furans (unspecified mix)	ng/kg	Total	Actual					M1613 REV B	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PCDD_W	PCDD/PCDF, water by GC/HRMS	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
158	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	pg/l	Total	Actual					M1613 REV B	
159	Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	pg/l	Total	Actual					M1613 REV B	
160	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	pg/l	Total	Actual					M1613 REV B	
161	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-	pg/l	Total	Actual					M1613 REV B	
163	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-	pg/l	Total	Actual					M1613 REV B	
183	Tetrachlorodibenzofuran, 2,3,7,8-	pg/l	Total	Actual					M1613 REV B	
184	Pentachlorodibenzofuran, 1,2,3,7,8-	pg/l	Total	Actual					M1613 REV B	
185	Pentachlorodibenzofuran, 2,3,4,7,8-	pg/l	Total	Actual					M1613 REV B	
186	Hexachlorodibenzofuran, 1,2,3,4,7,8-	pg/l	Total	Actual					M1613 REV B	
187	Hexachlorodibenzofuran, 1,2,3,6,7,8-	pg/l	Total	Actual					M1613 REV B	
188	Hexachlorodibenzofuran, 1,2,3,7,8,9-	pg/l	Total	Actual					M1613 REV B	
189	Hexachlorodibenzofuran, 2,3,4,6,7,8-	pg/l	Total	Actual					M1613 REV B	
190	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	pg/l	Total	Actual					M1613 REV B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
191	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-	pg/l	Total	Actual					M1613 REV B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PESTI_S	Pesticides, sediment by GC/EC	Sample	Sediment				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
011	Aldrin	ug/kg		Actual					SOP3240.2	
023	Pcb-aroclor 1016	ug/kg	Total	Actual					SOP3240.2	
024	Pcb-aroclor 1221	ug/kg	Total	Actual					SOP3240.2	
025	Pcb-aroclor 1232	ug/kg	Total	Actual					SOP3240.2	
026	Pcb-aroclor 1242	ug/kg	Total	Actual					SOP3240.2	
027	Pcb-aroclor 1248	ug/kg	Total	Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	
042	BHC-alpha	ug/kg	Total	Actual					SOP3240.2	
043	BHC-beta	ug/kg		Actual					SOP3240.2	
044	BHC-delta	ug/kg		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/kg		Actual					SOP3240.2	
080	Chlordane	ug/kg	Total	Actual					SOP3240.2	
110	DDD, p,p'-	ug/kg	Total	Actual					SOP3240.2	
111	DDE, p,p'-	ug/kg	Total	Actual					SOP3240.2	
112	DDT, p,p'-	ug/kg	Total	Actual					SOP3240.2	
144	Dieldrin	ug/kg		Actual					SOP3240.2	
166	Endosulfan, alpha-	ug/kg	Total	Actual					SOP3240.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
167	Endosulfan, beta-	ug/kg	Total	Actual					SOP3240.2	
168	Endosulfan Sulfate	ug/kg		Actual					SOP3240.2	
169	Endrin	ug/kg		Actual					SOP3240.2	
170	Endrin Aldehyde	ug/kg		Actual					SOP3240.2	
171	Endrin ketone	ug/kg		Actual					SOP3240.2	
195	Heptachlor	ug/kg		Actual					SOP3240.2	
196	Heptachlor epoxide	ug/kg		Actual					SOP3240.2	
220	Methoxychlor	ug/kg		Actual					SOP3240.2	
330	Toxaphene	ug/kg		Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PESTI_SL	Pesticides,soil by GC/EC	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
011	Aldrin	ug/kg		Actual					SOP3240.2	
023	Pcb-aroclor 1016	ug/kg	Total	Actual					SOP3240.2	
024	Pcb-aroclor 1221	ug/kg	Total	Actual					SOP3240.2	
025	Pcb-aroclor 1232	ug/kg	Total	Actual					SOP3240.2	
026	Pcb-aroclor 1242	ug/kg	Total	Actual					SOP3240.2	
027	Pcb-aroclor 1248	ug/kg	Total	Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	
042	BHC-alpha	ug/kg	Total	Actual					SOP3240.2	
043	BHC-beta	ug/kg		Actual					SOP3240.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
044	BHC-delta	ug/kg		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/kg		Actual					SOP3240.2	
080	Chlordane	ug/kg	Total	Actual					SOP3240.2	
110	DDD, p,p'-	ug/kg	Total	Actual					SOP3240.2	
111	DDE, p,p'-	ug/kg	Total	Actual					SOP3240.2	
112	DDT, p,p'-	ug/kg	Total	Actual					SOP3240.2	
144	Dieldrin	ug/kg		Actual					SOP3240.2	
166	Endosulfan, alpha-	ug/kg	Total	Actual					SOP3240.2	
167	Endosulfan, beta-	ug/kg	Total	Actual					SOP3240.2	
168	Endosulfan Sulfate	ug/kg		Actual					SOP3240.2	
169	Endrin	ug/kg		Actual					SOP3240.2	
170	Endrin Aldehyde	ug/kg		Actual					SOP3240.2	
171	Endrin ketone	ug/kg		Actual					SOP3240.2	
195	Heptachlor	ug/kg		Actual					SOP3240.2	
196	Heptachlor epoxide	ug/kg		Actual					SOP3240.2	
220	Methoxychlor	ug/kg		Actual					SOP3240.2	
330	Toxaphene	ug/kg		Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PESTI_W	Pesticides,water by GC/EC	Sample	Water				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
011	Aldrin	ug/l		Actual					SOP3240.2	
023	Pcb-aroclor 1016	ug/l	Total	Actual					SOP3240.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
024	Pcb-aroclor 1221	ug/l	Total	Actual					SOP3240.2	
025	Pcb-aroclor 1232	ug/l	Total	Actual					SOP3240.2	
026	Pcb-aroclor 1242	ug/l	Total	Actual					SOP3240.2	
027	Pcb-aroclor 1248	ug/l	Total	Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/l	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/l	Total	Actual					SOP3240.2	
042	BHC-alpha	ug/l	Total	Actual					SOP3240.2	
043	BHC-beta	ug/l		Actual					SOP3240.2	
044	BHC-delta	ug/l		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/l		Actual					SOP3240.2	
080	Chlordane	ug/l	Total	Actual					SOP3240.2	
110	DDD, p,p'	ug/l	Total	Actual					SOP3240.2	
111	DDE, p,p'	ug/l	Total	Actual					SOP3240.2	
112	DDT, p,p'	ug/l	Total	Actual					SOP3240.2	
144	Dieldrin	ug/l		Actual					SOP3240.2	
166	Endosulfan, alpha-	ug/l	Total	Actual					SOP3240.2	
167	Endosulfan, beta-	ug/l	Total	Actual					SOP3240.2	
168	Endosulfan Sulfate	ug/l		Actual					SOP3240.2	
169	Endrin	ug/l		Actual					SOP3240.2	
170	Endrin Aldehyde	ug/l		Actual					SOP3240.2	
171	Endrin ketone	ug/l		Actual					SOP3240.2	
195	Heptachlor	ug/l		Actual					SOP3240.2	
196	Heptachlor epoxide	ug/l		Actual					SOP3240.2	
220	Methoxychlor	ug/l		Actual					SOP3240.2	
330	Toxaphene	ug/l		Actual					SOP3240.2	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHENO_S	Phenolics,Total Recoverable S	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
287	Phenols (mixture)	mg/kg	Total	Actual					SOP4201SO2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHENO_SL	Phenolics,Total Recoverable SL	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
287	Phenols (mixture)	mg/kg	Total	Actual					SOP4201SO2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHENO_W	Phenolics,Total Recoverable W	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
287	Phenols (mixture)	ug/l	Total	Actual					SOP3154.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PH_BIO	pH of Biological Samples	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL,

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EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
284	pH	None		Actual					SOP2336.10	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PH_FM_W	pH, Water by Field Measurement	Field Msr/Obs	Water				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
284	pH	None		Actual					FM-PH	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PH_S	pH of Sediment	Sample	Sediment				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
284	pH	None		Actual					SOP3135.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PH_SL	pH of Soil	Sample	Soil				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
284	pH	None		Actual					SOP3135.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
PH_W	pH of Water	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
284	pH	None		Actual					SOP3135.5	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P_ORTH_D	Phosphorus,Ortho,Dissolved,W	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
288	Phosphorus as PO4	mg/l	Dissolved	Actual					SOP3133.5	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
P_ORTH_T	Phosphorus,Ortho>Total,Water	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
288	Phosphorus as PO4	mg/l		Actual					SOP3133.5	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P_T_S	Total Phosphorus,Sediment	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
289	Phosphorus	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P_T_SL	Total Phosphorus,Soil	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
289	Phosphorus	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P_T_W	Total Phosphorus,Water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
289	Phosphorus	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAFT	RAFT Kansas	Sample	Biological	Tissue			N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nonachlor, trans-	mg	Total	Actual					SOP3210.3	
	Chlordane, trans	mg	Total	Actual					SOP3210.3	
	Chlordane, cis	mg	Total	Actual					SOP3210.3	
	Pentachloroanisole	mg/kg	Total	Actual					SOP3210.3	
	Heptachlor	mg/kg	Total	Actual					SOP3210.3	
	DDT, p,p'-	mg/kg	Total	Actual					SOP3210.3	
	DDE, p,p'-	mg/kg	Total	Actual					SOP3210.3	
	DDD, p,p'-	mg/kg	Total	Actual					SOP3210.3	
	Chlordane	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1260	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1254	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1248	mg/kg	Total	Actual					SOP3210.3	
	Selenium	mg/kg	Total	Actual					SOP3122.3	
	Mercury	mg/kg	Total	Actual					SOP3121.14	
	Lead	mg/kg	Total	Actual					SOP3122.3	
	Oxychlordane			Actual					SOP3210.3	
	Nonachlor, cis-			Actual					SOP3210.3	
	Trifluralin	mg/kg		Actual					SOP3210.3	
	Hexachlorobenzene	mg/kg		Actual					SOP3210.3	
	Heptachlor epoxide	mg/kg		Actual					SOP3210.3	
	Dieldrin	mg/kg		Actual					SOP3210.3	
	BHC-gamma (Lindane)	mg/kg		Actual					SOP3210.3	
	Cadmium	mg/kg		Actual					SOP3122.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAFT-P_M	Fish Pestides and Metals	Sample	Biological	Tissue			N

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Pcb-aroclor 1248	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1254	mg/kg	Total	Actual					SOP3210.3	
	Dieldrin	mg/kg	Total	Actual					SOP3210.3	
	DDT ***retired*** (use DDT, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
	DDE ***retired*** (use DDE, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
	DDD ***retired*** (use DDD, p,p')	mg/kg	Total	Actual					SOP3210.3	
	Chlordane, trans	mg/kg	Total	Actual					SOP3210.3	
	Chlordane	mg/kg	Total	Actual					SOP3210.3	
	Chlordane, cis	mg/kg	Total	Actual					SOP3210.3	
	BHC-gamma (Lindane)	mg/kg	Total	Actual					SOP3210.3	
	Heptachlor	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1260	mg/kg	Total	Actual					SOP3210.3	
	Mercury	mg/kg	Total	Actual					SOP3121.14	
	Lead	mg/kg	Total	Actual					SOP3122.3	
	Cadmium	mg/kg	Total	Actual					SOP3122.3	
	Trifluralin	mg/kg	Total	Actual					SOP3210.3	
	Pentachloroanisole	mg/kg	Total	Actual					SOP3210.3	
	Oxychlordane	mg/kg	Total	Actual					SOP3210.3	
	Nonachlor, trans-	mg/kg	Total	Actual					SOP3210.3	
	Nonachlor, cis-	mg/kg	Total	Actual					SOP3210.3	
	Hexachlorobenzene	mg/kg	Total	Actual					SOP3210.3	
	Heptachlor epoxide	mg/kg	Total	Actual					SOP3210.3	
	Selenium	mg/kg	Total	Actual					SOP3122.3	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAFT_FF	Pesticide,Fish Fillet w/o skin	Sample	Biological	Tissue			N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
027	Pcb-aroclor 1248	mg/kg	Total	Actual					SOP3210.3	
028	Pcb-aroclor 1254	mg/kg	Total	Actual					SOP3210.3	
029	Pcb-aroclor 1260	mg/kg	Total	Actual					SOP3210.3	
045	BHC-gamma (Lindane)	mg/kg	Total	Actual					SOP3210.3	
079	Chlordane, cis	mg/kg	Total	Actual					SOP3210.3	
080	Chlordane	mg/kg	Total	Actual					SOP3210.3	
081	Chlordane, trans	mg/kg	Total	Actual					SOP3210.3	
110	DDD ***retired*** (use DDD, p,p')	mg/kg	Total	Actual					SOP3210.3	
111	DDE ***retired*** (use DDE, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
112	DDT ***retired*** (use DDT, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
144	Dieldrin	mg/kg	Total	Actual					SOP3210.3	
195	Heptachlor	mg/kg	Total	Actual					SOP3210.3	
196	Heptachlor epoxide	mg/kg	Total	Actual					SOP3210.3	
199	Hexachlorobenzene	mg/kg	Total	Actual					SOP3210.3	
264	Nonachlor, cis-	mg/kg	Total	Actual					SOP3210.3	
265	Nonachlor, trans-	mg/kg	Total	Actual					SOP3210.3	
270	Oxychlordane	mg/kg	Total	Actual					SOP3210.3	
274	Pentachloroanisole	mg/kg	Total	Actual					SOP3210.3	
349	Trifluralin	mg/kg	Total	Actual					SOP3210.3	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAFT_FFS	Pesticide, Fish Fillet w/ skin	Sample	Biological	Tissue			N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
027	Pcb-aroclor 1248	mg/kg	Total	Actual					SOP3210.3	
028	Pcb-aroclor 1254	mg/kg	Total	Actual					SOP3210.3	
029	Pcb-aroclor 1260	mg/kg	Total	Actual					SOP3210.3	
045	BHC-gamma (Lindane)	mg/kg	Total	Actual					SOP3210.3	
079	Chlordane, cis	mg/kg	Total	Actual					SOP3210.3	
080	Chlordane	mg/kg	Total	Actual					SOP3210.3	
081	Chlordane, trans	mg/kg	Total	Actual					SOP3210.3	
110	DDD ***retired*** (use DDD, p,p')	mg/kg	Total	Actual					SOP3210.3	
111	DDE ***retired*** (use DDE, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
112	DDT ***retired*** (use DDT, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
144	Dieldrin	mg/kg	Total	Actual					SOP3210.3	
195	Heptachlor	mg/kg	Total	Actual					SOP3210.3	
196	Heptachlor epoxide	mg/kg	Total	Actual					SOP3210.3	
199	Hexachlorobenzene	mg/kg	Total	Actual					SOP3210.3	
264	Nonachlor, cis-	mg/kg	Total	Actual					SOP3210.3	
265	Nonachlor, trans-	mg/kg	Total	Actual					SOP3210.3	
270	Oxychlordane	mg/kg	Total	Actual					SOP3210.3	
274	Pentachloroanisole	mg/kg	Total	Actual					SOP3210.3	
349	Trifluralin	mg/kg	Total	Actual					SOP3210.3	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAFT_FS	RAFT Fish Species Count	Sample	Biological	Tissue			N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
101	Moxostoma macrolepidotum	count		Actual						
105	Ictiobus niger	count		Actual						
106	Polyodontidae	count		Actual						
11	Salmo trutta	count		Actual						
12	Cyprinus carpio	count		Actual						
16	Ictalurus punctatus	count		Actual						
170	Moxostoma anisurum	count		Actual						
19	Pylodictis olivaris	count		Actual						
20	Aplodinotus grunniens	count		Actual						
24	Carassius auratus	count		Actual						
25	Lepomis cyanellus	count		Actual						
3	Ictiobus cyprinellus	count		Actual						
31	Micropterus salmoides	count		Actual						
36	Esox lucius	count		Actual						
38	Lepomis gibbosus	count		Actual						
385	Carpoides velifer	count		Actual						
386	Cycleptus elongatus	count		Actual						
388	Moxostoma carinatum	count		Actual						
389	Moxostoma duquesnei	count		Actual						
39	Oncorhynchus mykiss	count		Actual						
390	Moxostoma erythrurum	count		Actual						
4	Ictalurus melas	count		Actual						
40	Lepomis microlophus	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
41	Moxostoma erythrurum	count		Actual						
42	Carpiodes carpio	count		Actual						
43	Ambloplites rupestris	count		Actual						
46	Stizostedion canadense	count		Actual						
47	Micropterus dolomieu	count		Actual						
48	Ictiobus bubalus	count		Actual						
49	Micropterus punctulatus	count		Actual						
5	Pomoxis nigromaculatus	count		Actual						
51	Minytrema melanops	count		Actual						
52	Morone saxatilis	count		Actual						
55	Stizostedion vitreum	count		Actual						
56	Lepomis gulosus	count		Actual						
57	Morone chrysops	count		Actual						
59	Pomoxis annularis	count		Actual						
61	Catostomus commersoni	count		Actual						
62	Ictalurus natalis	count		Actual						
63	Perca flavescens	count		Actual						
67	Ictalurus furcatus	count		Actual						
72	Lepomis megalotis	count		Actual						
74	Carpiodes cyprinus	count		Actual						
8	Lepomis macrochirus	count		Actual						
94	Hypentelium nigricans	count		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAFT_L_W	RAFT fish measurements	Sample	Biological	Tissue			N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1230	Length, Total (Fish)	cm		Actual					RAFT FISH PARAM	
1231	Weight	g		Actual					RAFT FISH PARAM	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAFT_WF	Pesticides, Whole Fish	Sample	Biological	Tissue			N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
027	Pcb-aroclor 1248	mg/kg	Total	Actual					SOP3210.3	
028	Pcb-aroclor 1254	mg/kg	Total	Actual					SOP3210.3	
029	Pcb-aroclor 1260	mg/kg	Total	Actual					SOP3210.3	
045	BHC-gamma (Lindane)	mg/kg	Total	Actual					SOP3210.3	
080	Chlordane	mg/kg	Total	Actual					SOP3210.3	
110	DDD ***retired*** (use DDD, p,p')	mg/kg	Total	Actual					SOP3210.3	
111	DDE ***retired*** (use DDE, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
112	DDT ***retired*** (use DDT, p,p'-)	mg/kg	Total	Actual					SOP3210.3	
118	Diazinon	mg/kg	Total	Actual					SOP3210.3	
144	Dieldrin	mg/kg	Total	Actual					SOP3210.3	
195	Heptachlor	mg/kg	Total	Actual					SOP3210.3	
196	Heptachlor epoxide	mg/kg	Total	Actual					SOP3210.3	
199	Hexachlorobenzene	mg/kg	Total	Actual					SOP3210.3	
246	Mirex	mg/kg	Total	Actual					SOP3210.3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
274	Pentachloroanisole	mg/kg	Total	Actual					SOP3210.3	
275	Pentachlorobenzene	mg/kg	Total	Actual					SOP3210.3	
320	Tetrachlorobenzene, 1,2,4,5-	mg/kg	Total	Actual					SOP3210.3	
349	Trifluralin	mg/kg	Total	Actual					SOP3210.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REMAM_S	Metals, sediment, REMAP	Sample	Sediment				N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
032	Barium	mg/kg	Total	Actual					SOP3122.3	
098	Chromium	mg/kg	Total	Actual					SOP3122.3	
104	Copper	mg/kg	Total	Actual					SOP3122.3	
249	Nickel	mg/kg	Total	Actual					SOP3122.3	
307	Silver	mg/kg	Total	Actual					SOP3122.3	
361	Zinc	mg/kg	Total	Actual					SOP3122.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REMAM_W	Metals, water, REMAP	Sample	Water				N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
032	Barium	ug/l	Total	Actual					SOP3122.3	
074	Calcium	mg/l		Actual					SOP3122.3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
098	Chromium	ug/l	Total	Actual					SOP3122.3	
104	Copper	ug/l	Total	Actual					SOP3122.3	
216	Magnesium	mg/l	Total	Actual					SOP3122.3	
249	Nickel	ug/l	Total	Actual					SOP3122.3	
293	Potassium	mg/l		Actual					SOP3122.3	
307	Silver	ug/l	Total	Actual					SOP3122.3	
309	Sodium	mg/l	Total	Actual					SOP3122.3	
361	Zinc	ug/l		Actual					SOP3122.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REMAP_F	REMAP Pesticides,Fish by GC/EC	Sample	Biological	Tissue			N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
011	Aldrin	mg/kg		Actual					SOP3210.3	
023	Pcb-aroclor 1016	mg/kg	Total	Actual						
024	Pcb-aroclor 1221	mg/kg	Total	Actual						
025	Pcb-aroclor 1232	mg/kg	Total	Actual						
026	Pcb-aroclor 1242	mg/kg	Total	Actual						
027	Pcb-aroclor 1248	mg/kg	Total	Actual						
028	Pcb-aroclor 1254	mg/kg	Total	Actual						
029	Pcb-aroclor 1260	mg/kg	Total	Actual						
042	BHC-alpha	mg/kg	Total	Actual					SOP3210.3	
043	BHC-beta	mg/kg		Actual					SOP3210.3	
045	BHC-gamma (Lindane)	mg/kg		Actual					SOP3210.3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
079	Chlordane, cis	mg/kg	Total	Actual					SOP3210.3	
080	Chlordane	mg/kg	Total	Actual					SOP3210.3	
081	Chlordane, trans	mg/kg		Actual					SOP3210.3	
096	Chlorpyrifos-methyl	mg/kg		Actual					SOP3210.3	
110	DDD, p,p'-	mg/kg	Total	Actual					SOP3210.3	
111	DDE, p,p'-	mg/kg	Total	Actual					SOP3210.3	
112	DDT, p,p'-	mg/kg	Total	Actual					SOP3210.3	
118	Diazinon	mg/kg		Actual					SOP3210.3	
144	Dieldrin	mg/kg		Actual					SOP3210.3	
165	Disulfoton	mg/kg		Actual					SOP3210.3	
169	Endrin	mg/kg		Actual					SOP3210.3	
195	Heptachlor	mg/kg		Actual					SOP3210.3	
196	Heptachlor epoxide	mg/kg		Actual					SOP3210.3	
199	Hexachlorobenzene	mg/kg		Actual					SOP3210.3	
264	Nonachlor, cis-	mg/kg	Total	Actual					SOP3210.3	
265	Nonachlor, trans-	mg/kg	Total	Actual					SOP3210.3	
270	Oxychlordane	mg/kg	Total	Actual					SOP3210.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REMAP_FP	REMAP Field Parameters	Field Msr/Obs	Water				N
	Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Specific conductance	umho/cm		Actual						
164	Dissolved oxygen (DO)	mg/l		Actual					REMAP FIELD PAR	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
177	Flow	cfs		Actual					REMAP FIELD PAR	
284	pH	None		Actual					REMAP FIELD PAR	
319	Temperature, water	deg C		Actual					REMAP FIELD PAR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REMAP_S	REMAP Pesticides,Sediment	Sample	Sediment				N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
010	Alachlor	ug/kg		Actual					SOP3240.2	
011	Aldrin	ug/kg		Actual					SOP3240.2	
023	Pcb-aroclor 1016	ug/kg	Total	Actual					SOP3240.2	
024	Pcb-aroclor 1221	ug/kg	Total	Actual					SOP3240.2	
025	Pcb-aroclor 1232	ug/kg	Total	Actual					SOP3240.2	
026	Pcb-aroclor 1242	ug/kg	Total	Actual					SOP3240.2	
027	Pcb-aroclor 1248	ug/kg	Total	Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	
031	Atrazine	ug/kg		Actual					SOP3240.2	
042	BHC-alpha	ug/kg	Total	Actual					SOP3240.2	
043	BHC-beta	ug/kg		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/kg		Actual					SOP3240.2	
079	Chlordane, cis	ug/kg	Total	Actual					SOP3240.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
080	Chlordane	ug/kg	Total	Actual					SOP3240.2	
081	Chlordane, trans	ug/kg		Actual					SOP3240.2	
096	Chlorpyrifos-methyl	ug/kg		Actual					SOP3240.2	
110	DDD, p,p'-	ug/kg	Total	Actual					SOP3240.2	
111	DDE, p,p'-	ug/kg	Total	Actual					SOP3240.2	
112	DDT, p,p'-	ug/kg	Total	Actual					SOP3240.2	
118	Diazinon	ug/kg		Actual					SOP3240.2	
144	Dieldrin	ug/kg		Actual					SOP3240.2	
165	Disulfoton	ug/kg		Actual					SOP3240.2	
169	Endrin	ug/kg		Actual					SOP3240.2	
195	Heptachlor	ug/kg		Actual					SOP3240.2	
196	Heptachlor epoxide	ug/kg		Actual					SOP3240.2	
199	Hexachlorobenzene	ug/kg		Actual					SOP3240.2	
244	Metolachlor	ug/kg		Actual					SOP3240.2	
264	Nonachlor, cis-	ug/kg	Total	Actual					SOP3240.2	
265	Nonachlor, trans-	ug/kg	Total	Actual					SOP3240.2	
270	Oxychlordane	ug/kg	Total	Actual					SOP3240.2	
296	Propachlor	ug/kg		Actual					SOP3240.2	
349	Trifluralin	ug/kg		Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REMAP_SL	REMAP Pesticides, Soil by GC/EC	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
010	Alachlor	ug/kg		Actual					SOP3240.2	
011	Aldrin	ug/kg		Actual					SOP3240.2	
023	Pcb-aroclor 1016	ug/kg	Total	Actual					SOP3240.2	
024	Pcb-aroclor 1221	ug/kg	Total	Actual					SOP3240.2	
025	Pcb-aroclor 1232	ug/kg	Total	Actual					SOP3240.2	
026	Pcb-aroclor 1242	ug/kg	Total	Actual					SOP3240.2	
027	Pcb-aroclor 1248	ug/kg	Total	Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	
031	Atrazine	ug/kg		Actual					SOP3240.2	
042	BHC-alpha	ug/kg	Total	Actual					SOP3240.2	
043	BHC-beta	ug/kg		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/kg		Actual					SOP3240.2	
079	Chlordane, cis	ug/kg	Total	Actual					SOP3240.2	
080	Chlordane	ug/kg	Total	Actual					SOP3240.2	
081	Chlordane, trans	ug/kg		Actual					SOP3240.2	
096	Chlorpyrifos-methyl	ug/kg		Actual					SOP3240.2	
110	DDD, p,p'-	ug/kg	Total	Actual					SOP3240.2	
111	DDE, p,p'-	ug/kg	Total	Actual					SOP3240.2	
112	DDT, p,p'-	ug/kg	Total	Actual					SOP3240.2	
118	Diazinon	ug/kg		Actual					SOP3240.2	
144	Dieldrin	ug/kg		Actual					SOP3240.2	
165	Disulfoton	ug/kg		Actual					SOP3240.2	
169	Endrin	ug/kg		Actual					SOP3240.2	
195	Heptachlor	ug/kg		Actual					SOP3240.2	
196	Heptachlor epoxide	ug/kg		Actual					SOP3240.2	
199	Hexachlorobenzene	ug/kg		Actual					SOP3240.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
244	Metolachlor	ug/kg		Actual					SOP3240.2	
264	Nonachlor, cis-	ug/kg	Total	Actual					SOP3240.2	
265	Nonachlor, trans-	ug/kg	Total	Actual					SOP3240.2	
270	Oxychlordane	ug/kg	Total	Actual					SOP3240.2	
296	Propachlor	ug/kg		Actual					SOP3240.2	
349	Trifluralin	ug/kg		Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REMAP_W	REMAP Pesticides,Water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
010	Alachlor	ug/l		Actual						
031	Atrazine	ug/l		Actual						
080	Chlordane	ug/l	Total	Actual						
096	Chlorpyrifos-methyl	ug/l		Actual						
118	Diazinon	ug/l		Actual						
244	Metolachlor	ug/l		Actual						
296	Propachlor	ug/l		Actual						
349	Trifluralin	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RFT TR	RAFT TR RESULTS	Sample	Biological	Tissue			N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Trifluralin	mg/kg	Total	Actual					SOP3210.3	
	Tetrachlorobenzene, 1,2,4,5-	mg/kg	Total	Actual					SOP3210.3	
	Pentachlorobenzene	mg/kg	Total	Actual					SOP3210.3	
	Pentachloroanisole	mg/kg	Total	Actual					SOP3210.3	
	Mirex	mg/kg	Total	Actual					SOP3210.3	
	Hexachlorobenzene	mg/kg	Total	Actual					SOP3210.3	
	Heptachlor epoxide	mg/kg	Total	Actual					SOP3210.3	
	Heptachlor	mg/kg	Total	Actual					SOP3210.3	
	Dieldrin	mg/kg	Total	Actual					SOP3210.3	
	Diazinon	mg/kg	Total	Actual					SOP3210.3	
	DDT, p,p'	mg/kg	Total	Actual					SOP3210.3	
	DDE, p,p'	mg/kg	Total	Actual					SOP3210.3	
	DDD, p,p'	mg/kg	Total	Actual					SOP3210.3	
	Chlordane	mg/kg	Total	Actual					SOP3210.3	
	BHC-gamma (Lindane)	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1260	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1254	mg/kg	Total	Actual					SOP3210.3	
	Pcb-aroclor 1248	mg/kg	Total	Actual					SOP3210.3	
	Selenium	mg/kg	Total	Actual					SOP3122.3	
	Mercury	mg/kg	Total	Actual					SOP3121.14	
	Lead	mg/kg	Total	Actual					SOP3122.3	
	Cadmium	mg/kg	Total	Actual					SOP3122.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RFTPFF3C	Followup Fish Pest, Fillet	Sample	Biological	Tissue			N

Citations R7 AMM - US EPA Region 7 Laboratory, Updated Annually, US EPA Region 7 Laboratory Analytical Methods Manual, US EPA Region 7 Laboratory, .

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US EPA Region 7

Description Analysis of fish fillet samples by RLAB Method 3240.2E after prep by RLAB Method 3210.3C.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
027	Pcb-aroclor 1248	mg/kg	Total	Actual					RLABM3210.3C	
028	Pcb-aroclor 1254	mg/kg	Total	Actual					RLABM3210.3C	
029	Pcb-aroclor 1260	mg/kg	Total	Actual					RLABM3210.3C	
045	BHC-gamma (Lindane)	mg/kg	Total	Actual					RLABM3210.3C	
079	Chlordane, cis	mg/kg	Total	Actual					RLABM3210.3C	
080	Chlordane	mg/kg	Total	Actual					RLABM3210.3C	
081	Chlordane, trans	mg/kg	Total	Actual					RLABM3210.3C	
110	DDD ***retired*** (use DDD, p,p')	mg/kg	Total	Actual					RLABM3210.3C	
111	DDE ***retired*** (use DDE, p,p'-)	mg/kg	Total	Actual					RLABM3210.3C	
112	DDT ***retired*** (use DDT, p,p'-)	mg/kg	Total	Actual					RLABM3210.3C	
144	Dieldrin	mg/kg	Total	Actual					RLABM3210.3C	
195	Heptachlor	mg/kg	Total	Actual					RLABM3210.3C	
196	Heptachlor epoxide	mg/kg	Total	Actual					RLABM3210.3C	
199	Hexachlorobenzene	mg/kg	Total	Actual					RLABM3210.3C	
264	Nonachlor, cis-	mg/kg	Total	Actual					RLABM3210.3C	
265	Nonachlor, trans-	mg/kg	Total	Actual					RLABM3210.3C	
270	Oxychlordane	mg/kg	Total	Actual					RLABM3210.3C	
274	Pentachloroanisole	mg/kg	Total	Actual					RLABM3210.3C	
349	Trifluralin	mg/kg	Total	Actual					RLABM3210.3C	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RFTPWF3C	RAFT Fish Pest., Whole, GC/EC	Sample	Biological	Tissue			N

Citations R7 AMM - US EPA Region 7 Laboratory, Updated Annually, US EPA Region 7 Laboratory Analytical Methods Manual, US

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US EPA Region 7

Description EPA Region 7 Laboratory, .
Analysis of whole fish samples by RLAB Method 3240.2E after prep by RLAB Method 3210.3C.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
027	Pcb-aroclor 1248	mg/kg	Total	Actual					RLABM3210.3C	
028	Pcb-aroclor 1254	mg/kg	Total	Actual					RLABM3210.3C	
029	Pcb-aroclor 1260	mg/kg	Total	Actual					RLABM3210.3C	
045	BHC-gamma (Lindane)	mg/kg	Total	Actual					RLABM3210.3C	
080	Chlordane	mg/kg	Total	Actual					RLABM3210.3C	
110	DDD ***retired*** (use DDD, p,p')	mg/kg	Total	Actual					RLABM3210.3C	
111	DDE ***retired*** (use DDE, p,p')	mg/kg	Total	Actual					RLABM3210.3C	
112	DDT ***retired*** (use DDT, p,p')	mg/kg	Total	Actual					RLABM3210.3C	
144	Dieldrin	mg/kg	Total	Actual					RLABM3210.3C	
195	Heptachlor	mg/kg	Total	Actual					RLABM3210.3C	
196	Heptachlor epoxide	mg/kg	Total	Actual					RLABM3210.3C	
199	Hexachlorobenzene	mg/kg	Total	Actual					RLABM3210.3C	
246	Mirex	mg/kg	Total	Actual					RLABM3210.3C	
274	Pentachloroanisole	mg/kg	Total	Actual					RLABM3210.3C	
275	Pentachlorobenzene	mg/kg	Total	Actual					RLABM3210.3C	
320	Tetrachlorobenzene, 1,2,4,5-	mg/kg	Total	Actual					RLABM3210.3C	
349	Trifluralin	mg/kg	Total	Actual					RLABM3210.3C	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SELENI_S	Selenium in Sediment by AA	Sample	Sediment				N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
306	Selenium	mg/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SELENI_W	Selenium in Water by AA	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
306	Selenium	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SELEN_SL	Selenium in Soil by AA	Sample	Soil				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
306	Selenium	mg/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SELEN_WD	Selenium,Dissolved,Water by AA	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
306	Selenium	ug/l	Dissolved	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SILVE_S	Silver in Sediment by AA	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
307	Silver	mg/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SILVE_SL	Silver in Soil by AA	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
307	Silver	mg/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SILVE_W	Silver in Water by AA	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
307	Silver	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SILVE_WD	Silver,Dissolved,Water by AA	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL,

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EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
307	Silver	ug/l	Dissolved	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SO3_S	Sulfide in Sediment	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
317	Sulfide	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SO3_SL	Sulfide in Soil	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
317	Sulfide	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SO3_W	Sulfide in Water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
317	Sulfide	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SO4_S	Sulfate in Sediment	Sample	Sediment				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
316	Sulfur, sulfate (SO4) as SO4	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SO4_SL	Sulfate in Soil	Sample	Soil				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
316	Sulfur, sulfate (SO4) as SO4	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SO4_W	Sulfate in Water	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
316	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SOLIDS%	Precent Solids	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
311	Solids, Total			Actual					SOP3142.9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TDS_W	TDS or Total Dissolved Soilds	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
313	Solids, Dissolved	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEMP_W	Temp of Water by Field Measure	Field Msr/Obs	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
319	Temperature, water	deg C		Actual					REMAP FIELD PAR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
THALL_S	Thallium in Sediment by AA	Sample	Sediment				N

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Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
325	Thallium	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
THALL_SL	Thallium in Soil by AA	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
325	Thallium	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
THALL_W	Thallium in Water by AA	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
325	Thallium	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
THALL_WD	Thallium,Dissolved,Water by AA	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
325	Thallium	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
THF_W	Tetrahydrofuran Analysis in W	Sample	Water				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
324	Tetrahydrofuran	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
TOC_S	Total Organic Carbon, Sediment	Sample	Sediment				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
329	Carbon, Total Organic (Toc)	mg/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
TOC_SL	Total Organic Carbon, Soil	Sample	Soil				N			
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
329	Carbon, Total Organic (Toc)	mg/kg		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TRIAH_W	Triazine Herbicides,Water	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
010	Alachlor	ug/l		Actual						
017	Ametryne	ug/l		Actual						
031	Atrazine	ug/l		Actual						
115	Desisopropyl atrazine	ug/l	Total	Actual						
244	Metolachlor	ug/l		Actual						
245	Metribuzin	ug/l		Actual						
294	Prometone	ug/l		Actual						
295	Prometryn	ug/l		Actual						
301	Propazine	ug/l		Actual						
308	Simazine	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TURB_JTU	Turbidity,Water,Field Measure	Field Msr/Obs	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Description Light transmission measured with a spectrophotometer then converted to Jackson Turbidity Units (JTU) using a Jackson units table. For a suspension of clay < 50 NTU, 1 JTU ~ 2 NTU.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
354	Turbidity	JTU		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TURB_NTU	Turbidity by Nephelometer	Sample	Water				N

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Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
354	Turbidity	NTU		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UAAH_S	UAA Herbicides,Sediment	Sample	Sediment				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
003	2,4-D, Dichlorophenoxyacetic acid	ug/kg	Total	Actual						
125	Dicamba	ug/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UAAH_SL	UAA Herbicides,Soil by GC/EC	Sample	Soil				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
003	2,4-D, Dichlorophenoxyacetic acid	ug/kg	Total	Actual						
125	Dicamba	ug/kg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UAAH_W	UAA Herbicides,Water by GC/EC	Sample	Water				N

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Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
003	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual						
125	Dicamba	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UAAP_F	UAA Pesticides,Fish by GC/EC	Sample	Biological	Tissue			N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
027	Pcb-aroclor 1248	mg/kg	Total	Actual					SOP3210.3	
028	Pcb-aroclor 1254	mg/kg	Total	Actual					SOP3210.3	
029	Pcb-aroclor 1260	mg/kg	Total	Actual					SOP3210.3	
045	BHC-gamma (Lindane)	mg/kg		Actual					SOP3210.3	
079	Chlordane, cis	mg/kg	Total	Actual					SOP3210.3	
080	Chlordane	mg/kg	Total	Actual					SOP3210.3	
081	Chlordane, trans	mg/kg		Actual					SOP3210.3	
110	DDD, p,p'-	mg/kg	Total	Actual					SOP3210.3	
111	DDE, p,p'-	mg/kg	Total	Actual					SOP3210.3	
112	DDT, p,p'-	mg/kg	Total	Actual					SOP3210.3	
118	Diazinon	mg/kg		Actual					SOP3210.3	
144	Dieldrin	mg/kg		Actual					SOP3210.3	
195	Heptachlor	mg/kg		Actual					SOP3210.3	
196	Heptachlor epoxide	mg/kg		Actual					SOP3210.3	
199	Hexachlorobenzene	mg/kg		Actual					SOP3210.3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
246	Mirex	mg/kg		Actual					SOP3210.3	
264	Nonachlor, cis-	mg/kg	Total	Actual					SOP3210.3	
265	Nonachlor, trans-	mg/kg	Total	Actual					SOP3210.3	
270	Oxychlorane	mg/kg	Total	Actual					SOP3210.3	
274	Pentachloroanisole	mg/kg		Actual					SOP3210.3	
320	Tetrachlorobenzene, 1,2,4,5-	mg/kg	Total	Actual					SOP3210.3	
349	Trifluralin	mg/kg		Actual					SOP3210.3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UAAP_S	UAA Pesticides,Sediment	Sample	Sediment				N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
010	Alachlor	ug/kg		Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	
031	Atrazine	ug/kg		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/kg		Actual					SOP3240.2	
075	Captan	ug/kg		Actual					SOP3240.2	
080	Chlordane	ug/kg	Total	Actual					SOP3240.2	
096	Chlorpyrifos-methyl	ug/kg		Actual					SOP3240.2	
112	DDT, p,p'-	ug/kg	Total	Actual					SOP3240.2	
118	Diazinon	ug/kg		Actual					SOP3240.2	
144	Dieldrin	ug/kg		Actual					SOP3240.2	
169	Endrin	ug/kg		Actual					SOP3240.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
196	Heptachlor epoxide	ug/kg		Actual					SOP3240.2	
210	Isofenphos	ug/kg		Actual						
244	Metolachlor	ug/kg		Actual					SOP3240.2	
245	Metribuzin	ug/kg		Actual						
349	Trifluralin	ug/kg		Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UAAP_SL	UAA Pesticides,Soil by GC/EC	Sample	Soil				N
Citations	USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
010	Alachlor	ug/kg		Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/kg	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/kg	Total	Actual					SOP3240.2	
031	Atrazine	ug/kg		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/kg		Actual					SOP3240.2	
075	Captan	ug/kg		Actual						
080	Chlordane	ug/kg	Total	Actual					SOP3240.2	
096	Chlorpyrifos-methyl	ug/kg		Actual					SOP3240.2	
112	DDT, p,p'-	ug/kg	Total	Actual					SOP3240.2	
118	Diazinon	ug/kg		Actual					SOP3240.2	
144	Dieldrin	ug/kg		Actual					SOP3240.2	
169	Endrin	ug/kg		Actual					SOP3240.2	
196	Heptachlor epoxide	ug/kg		Actual					SOP3240.2	
210	Isofenphos	ug/kg		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
244	Metolachlor	ug/kg		Actual					SOP3240.2	
245	Metribuzin	ug/kg		Actual						
349	Trifluralin	ug/kg		Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UAAP_W	UAA Pesticides,Water by GC/EC	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
010	Alachlor	ug/l		Actual					SOP3240.2	
028	Pcb-aroclor 1254	ug/l	Total	Actual					SOP3240.2	
029	Pcb-aroclor 1260	ug/l	Total	Actual					SOP3240.2	
031	Atrazine	ug/l		Actual					SOP3240.2	
045	BHC-gamma (Lindane)	ug/l		Actual					SOP3240.2	
075	Captan	ug/l		Actual						
080	Chlordane	ug/l	Total	Actual					SOP3240.2	
096	Chlorpyrifos-methyl	ug/l		Actual					SOP3240.2	
112	DDT, p,p'-	ug/l	Total	Actual					SOP3240.2	
118	Diazinon	ug/l		Actual					SOP3240.2	
144	Dieldrin	ug/l		Actual					SOP3240.2	
169	Endrin	ug/l		Actual					SOP3240.2	
196	Heptachlor epoxide	ug/l		Actual					SOP3240.2	
210	Isofenphos	ug/l		Actual						
244	Metolachlor	ug/l		Actual					SOP3240.2	
245	Metribuzin	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
349	Trifluralin	ug/l		Actual					SOP3240.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC_LD_W	VOC's,Water,GC/MS,LowDetection	Sample	Water				N

Citations USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006	Acetone	ug/l		Actual						
033	Benzene	ug/l		Actual						
058	Bromoform	ug/l		Actual						
077	Carbon disulfide	ug/l		Actual						
078	Carbon tetrachloride	ug/l	Total	Actual						
086	Chlorobenzene	ug/l		Actual						
087	Chloroethane	ug/l		Actual						
088	Chloroform	ug/l		Actual						
122	Dibromodichloromethane	ug/l		Actual						
131	Dichloroethane, 1,1-	ug/l		Actual						
132	Dichloroethane, 1,2-	ug/l	Total	Actual						
135	trans-1,2-Dichloroethylene	ug/l		Actual						
137	Dichloropropane, 1,2-	ug/l		Actual						
141	cis-1,3-Dichloropropene	ug/l		Actual						
142	trans-1,3-Dichloropropene	ug/l		Actual						
174	Ethylbenzene	ug/l		Actual						
205	Hexanone, 2-	ug/l		Actual						
315	Styrene	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
322	Tetrachloroethane, 1,1,2,2-		Total	Actual						
328	Toluene	ug/l		Actual						
357	Vinyl chloride	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC_S	VOC'sSediment,Matrices byGC/MS	Sample	Sediment				N
Citations		USEPA, REGION 7, ENVIRONMENTAL SERVICES DIVISION, 2000, OPERATIONS AND QUALITY ASSURANCE MANUAL, EPA, R7, .					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006	Acetone	ug/kg		Actual						
033	Benzene	ug/kg		Actual						
058	Bromoform	ug/kg		Actual						
077	Carbon disulfide	ug/kg		Actual						
078	Carbon tetrachloride	ug/kg	Total	Actual						
086	Chlorobenzene	ug/kg		Actual						
087	Chloroethane	ug/kg		Actual						
088	Chloroform	ug/kg		Actual						
122	Dibromodichloromethane	ug/kg		Actual						
131	Dichloroethane, 1,1-	ug/kg		Actual						
132	Dichloroethane, 1,2-	ug/kg	Total	Actual						
135	trans-1,2-Dichloroethylene	ug/kg		Actual						
137	Dichloropropane, 1,2-	ug/kg		Actual						
141	cis-1,3-Dichloropropene	ug/kg		Actual						
142	trans-1,3-Dichloropropene	ug/kg		Actual						
174	Ethylbenzene	ug/kg		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
205	Hexanone, 2-	ug/kg		Actual						
315	Styrene	ug/kg		Actual						
322	Tetrachloroethane, 1,1,2,2-	ug/kg	Total	Actual						
328	Toluene	ug/kg		Actual						
357	Vinyl chloride	ug/kg		Actual						

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Group ID SAMPLE	Group Name Chemical Measurements	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P10	Temperature, water	deg C		Actual						
	Acceptable Range	-3.00000 - 38.00000 deg C								
P1000	Arsenic	ug/l	Dissolved	Actual					I3026	200.7-T
	Acceptable Range	2.00000 - 100.00000 ug/l								
P1002	Arsenic	ug/l	Total	Actual					I3026	200.7-T
	Acceptable Range	2.00000 - 220.00000 ug/l								
P1020	Boron	ug/l	Dissolved	Actual					212.3	
	Acceptable Range	50.00000 - 1,200.00000 ug/l								
P1025	Cadmium	ug/l	Dissolved	Actual					213.2	
P1027	Cadmium	ug/l	Total	Actual					213.2	
	Acceptable Range	1.00000 - 1,200.00000 ug/l								
P1030	Chromium	ug/l	Dissolved	Actual					218.2	
P1034	Chromium	ug/l	Total	Actual					218.2	
	Acceptable Range	2.00000 - 220.00000 ug/l								
P1040	Copper	ug/l	Dissolved	Actual					220.2	
P1042	Copper	ug/l	Total	Actual					220.2	
	Acceptable Range	2.00000 - 220.00000 ug/l								
P1045	Iron	ug/l	Total	Actual					236.1	
	Acceptable Range	20.00000 - 15,000.00000 ug/l								
P1046	Iron	ug/l	Dissolved	Actual					236.1	
P1049	Lead	ug/l	Dissolved	Actual					236.1	
P1051	Lead	ug/l	Total	Actual					236.1	
	Acceptable Range	2.00000 - 200.00000 ug/l								
P1055	Manganese	ug/l	Total	Actual					243.1	
	Acceptable Range	10.00000 - 1,800.00000 ug/l								
P1056	Manganese	ug/l	Dissolved	Actual					243.1	
P1090	Zinc	ug/l	Dissolved	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P1092	Zinc	ug/l	Total	Actual						
P1105	Aluminum	ug/l	Total	Actual						
P1106	Aluminum	ug/l	Dissolved	Actual						
P1145	Selenium	ug/l	Dissolved	Actual					3114-B	
P1147	Selenium	ug/l	Total	Actual					3114-B	
	Acceptable Range	1.00000 - 200.00000 ug/l								
P25	Barometric pressure	mm/Hg		Actual						
P300	Dissolved oxygen (DO)	mg/l	Total	Actual						
P304	BOD, Biochemical oxygen demand	mg/l	Total	Actual			2 Day	20 Deg C		
P310	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C		
P31503	Total Coliform	cfu/100ml		Actual					9132	
	Acceptable Range	1.00000 - 100,000.00000 cfu/100ml								
P31616	Fecal Coliform	#/100ml		Actual			24 Hours		9222-D	
	Acceptable Range	1.00000 - 100,000.00000 #/100ml								
P31627	Escherichia coli	#/100ml	Total	Actual						
	Acceptable Range	1.00000 - 100,000.00000 #/100ml								
P31679	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					1106.1	
	Acceptable Range	1.00000 - 30,000.00000 #/100ml								
P32210	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual						
P335	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.2	
	Acceptable Range	1.00000 - 90.00000 mg/l								
P400	pH	None	Total	Actual						
P403	pH	None		Actual						
P410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual						
P440	Bicarbonate	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P445	Carbonate ion (CO3-2)	mg/l	Total	Actual						
P48	Partial pressure of dissolved gases	%		Actual						
P505	Solids, Fixed	mg/l	Volatile	Actual						
P530	Solids, Fixed	mg/l	Suspended	Actual						
P54	Reservoir volume	ac-ft		Actual						
	Acceptable Range	0.00000 - 2,000,000.00000 ac-ft								
P61	Flow	cfs		Actual						
P610	Nitrogen, ammonia (NH3) as NH3	mg/l - N	Total	Actual						
	Acceptable Range	0.01000 - 25.00000 mg/l - N								
P612	Ammonia, unionized	mg/l - N	Total	Actual						
P613	Nitrogen, Nitrite (NO2) as NO2	mg/l - N	Dissolved	Actual						
	Acceptable Range	0.01000 - 20.00000 mg/l - N								
P618	Nitrogen, Nitrate (NO3) as NO3	mg/l - N	Dissolved	Actual						
	Acceptable Range	0.01000 - 20.00000 mg/l - N								
P62	Elevation, water surface, MSL	ft		Actual						
	Acceptable Range	0.00000 - 10,000.00000 ft								
P623	Nitrogen, Kjeldahl	mg/l - N	Dissolved	Actual						
	Acceptable Range	0.03000 - 20.00000 mg/l - N								
P625	Nitrogen, Kjeldahl	mg/l - N	Total	Actual						
	Acceptable Range	0.03000 - 50.00000 mg/l - N								
P631	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l - N	Dissolved	Actual						
	Acceptable Range	0.01000 - 35.00000 mg/l - N								
P65	Stream stage height	ft		Actual						
P665	Phosphorus as P	mg/l	Total	Actual						
	Acceptable Range	0.01000 - 20.00000 mg/l								
P666	Phosphorus as P	mg/l - P	Dissolved	Actual						
	Acceptable Range	0.01000 - 20.00000 mg/l - P								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
	Acceptable Range	0.00300 - 20.00000 mg/l								
P678	Phosphorus, hydrolyzable plus orthophosphate as P	mg/l	Dissolved	Actual						
P68	Depth, data-logger (non-ported)	ft		Actual						
P680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					P680	
	Acceptable Range	0.05000 - 40.00000 mg/l								
P681	Carbon, organic	mg/l	Dissolved	Actual					P681	
	Acceptable Range	0.00000 - 50.00000 mg/l								
P70301	Solids, Total Suspended (TSS)	mg/l	Dissolved	Calculated					P70301	
	Acceptable Range	1.00000 - 10,000.00000 mg/l								
P71800	Mercury	ug/l	Dissolved	Actual					245.1	
P71900	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.20000 - 200.00000 ug/l								
P73004	Nitrogen and argon (unspecified mix)	%	Dissolved	Calculated						
P76	Turbidity	NTU		Actual						
	Acceptable Range	1.00000 - 1,600.00000 NTU								
P78	Depth, Secchi Disk Depth	m		Actual						
	Acceptable Range	0.10000 - 20.00000 m								
P80	Color, True	PCU		Actual						
P80154	Solids, Total Suspended (TSS)	mg/l		Actual		Dry			P80154	
	Acceptable Range	0.00000 - 500.00000 mg/l								
P81354	Biomass, plankton	mg/l		Actual		Dry				
P82078	Turbidity	NTU		Actual					P82078	
	Acceptable Range	0.00000 - 250.00000 NTU								
P86	Odor, Threshold Number	DETECT	Total	Actual						
P90	Oxidation reduction potential (ORP)	mV		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P915	Calcium Acceptable Range	mg/l	Dissolved	Actual						
		0.20000 - 120.00000 mg/l								
P925	Magnesium Acceptable Range	mg/l	Dissolved	Actual					242.1	
		0.20000 - 120.00000 mg/l								
P930	Sodium Acceptable Range	mg/l	Dissolved	Actual					273.1	
		0.20000 - 150.00000 mg/l								
P931	Sodium plus potassium Acceptable Range	mg/l	Dissolved	Actual						
		0.10000 - 100.00000 mg/l								
P935	Potassium Acceptable Range	mg/l	Dissolved	Actual						
		0.20000 - 150.00000 mg/l								
P94	Specific conductance Acceptable Range	uS/cm	Total	Actual					P94	
		0.00000 - 2,500.00000 uS/cm								
P940	Chloride Acceptable Range	mg/l	Total	Actual						
		0.40000 - 150.00000 mg/l								
P946	Sulfur, sulfate (SO4) as SO4 Acceptable Range	mg/l	Dissolved	Actual						
		0.50000 - 220.00000 mg/l								
P95	Specific conductance Acceptable Range	uS/cm		Actual				25 Deg C		
		1.00000 - 2,500.00000 uS/cm								
P950	Fluorides Acceptable Range	mg/l	Dissolved	Actual				20 Deg C	340.2	
		0.01000 - 120.00000 mg/l								
P955	Silica Acceptable Range	mg/l	Dissolved	Actual						
		0.10000 - 220.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SAMPLE2	FIELD TURBIDITY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P82078	Turbidity Acceptable Range	FTU		Actual						
		0.00000 - 100.00000 FTU								

Characteristic Group Details

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1119USBR

Bureau of Reclamation

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
SAMPLEA	Field Turbidity	Sample	Water						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P82078	Turbidity Acceptable Range	NTU		Actual						
		0.00000 - 150.00000	NTU							

Characteristic Group Details

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11DELMOD Delaware River Basin Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BUGDELR	Macroinvertebrates- River	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

BUGTRIB	Macroinvertebrates -Tribes	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
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FIXCHEM	Chemistry Sites - Sampled	Sample	Water				N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
	Acceptable Range	1.00000 - 1,000.00000 mg/l								
CHLORIDE	Chloride	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.10000 - 100.00000 mg/l								
E.COLI	Escherichia coli	#/100ml	Total	Actual	Mean				9222-B	
	Acceptable Range	10.00000 - 100,000.00000 #/100ml								
ENTERO	Enterococcus Group Bacteria	#/100ml	Fixed	Actual					1106.1	
	Acceptable Range	10.00000 - 100,000.00000 #/100ml								
FECAL	Fecal Coliform	#/100ml	Total	Actual	Mean				9222-D	
	Acceptable Range	10.00000 - 100,000.00000 #/100ml								
HARDNESS	Hardness, carbonate	mg/l		Actual					130.1	
	Acceptable Range	1.00000 - 100.00000 mg/l								
NH3-N	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.1	
	Acceptable Range	0.05000 - 100.00000 mg/l								
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					300(A)	
	Acceptable Range	0.02000 - 1,000.00000 mg/l								
NITRITE	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					300(A)	
	Acceptable Range	0.02000 - 100.00000 mg/l								

Characteristic Group Details

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11DELMOD Delaware River Basin Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO2+NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
ORTHO-P	Phosphorus, orthophosphate as PO4	mg/l		Actual					365.2	
	Acceptable Range	0.01000 - 100.00000 mg/l								
TDS	Solids, Dissolved	mg/l		Actual					160.1	
	Acceptable Range	8.00000 - 1,000.00000 mg/l								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Acceptable Range	0.05000 - 100.00000 mg/l								
TOTAL P	Phosphorus as P	mg/l		Actual					365.2	
	Acceptable Range	0.02000 - 100.00000 mg/l								
TSS	Solids, Total Suspended (TSS)	mg/l		Actual	Mean	Dry			160.2	
	Acceptable Range	0.50000 - 1,000.00000 mg/l								
TURBID	Turbidity	NTU		Actual					180.1	
	Acceptable Range	0.50000 - 1,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIXSITE	Chemistry Sites - field measmt	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIRTEMPC	Temperature, air	deg C		Actual					170.1	
	Acceptable Range	0.00000 - 100.00000 deg C								
AIRTEMPF	Temperature, air	deg F		Actual					170.1	
	Acceptable Range	0.00000 - 212.00000 deg F								
CONDUCT	Specific conductance	umho/cm		Actual				25 Deg C	2510	
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
DOSAT%	Dissolved oxygen (DO)	%	Dissolved	Actual					4500-O-G	
	Acceptable Range	0.00000 - 100.00000 %								
DOSATVAL	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	

Characteristic Group Details

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11DELMOD

Delaware River Basin Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOW	Flow	cfs		Actual					DISCH-INCR	
GAGEHT	Stream stage height	in		Actual					GAGEHT	
H20TEMP	Temperature, water	deg F		Actual					2550	
	Acceptable Range	0.00000 - 212.00000 deg F								
H20TEMPC	Temperature, water	deg C		Actual					2550	
	Acceptable Range	0.00000 - 100.00000 deg C								
PH	pH	None		Actual					4500-H	
	Acceptable Range	0.00000 - 14.00000 None								
STAGE	Stream stage height	ft		Actual					GAGEHT	

Characteristic Group Details

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11NPSWRD National Park Service

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ENVCOND	Environmental Condition Code	Field Msr/Obs					Y
Citations	WRD_00000001 - J.L. Detterline and W.E. Wilhelm, 1991, Survey of Pathogenic Naegleria fowleri and Thermotolerant Amebas in Federal Recreational Waters, Transactions of the American Microscopical Society, Inc., 110(3):244-261						
Description	Environmental Condition Code: 1 - pristine, undisturbed 2 - historically disturbed 3 - recently disturbed						

Row ID	Characteristic Name	Description
ENVCOND	Environmental Condition Code	The values represent history and degrees of ecological catastrophe involved in habitat changes. Types of catastrophic changes include thermal, chemical, and physical; the changes may be natural or anthropogenic. The coded values are: 1: pristine, stable conditions, relatively unchanged in a drastic manner since historic times; 2: drastic environmental change has occurred within historic times but at least three years prior to current measurement, and the system has not yet fully rebounded from injury; and 3: drastic environmental change has occurred recently (within the past three years) or the catastrophe has been so serious that the environment has not begun to rebound.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
IZWAINDX	Izaak Walton Stream Quality	Field Msr/Obs					Y
Description	http://www.iwla.org/SOS/streamsurvey.html						

Row ID	Characteristic Name	Description
IZAAKWALTONSQ INDEX	Izaak Walton WQ Index	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
TEST	Herbs and Pests	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Trifluralin	ppb	Total	Actual					NPS_LEGACY	
10	Profluralin	ppb	Total	Actual					NPS_LEGACY	

Characteristic Group Details

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11NPSWRD

National Park Service

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
11	Terbacil	ppb	Total	Actual					NPS_LEGACY	
12	Metribuzin	ppb	Total	Actual					NPS_LEGACY	
13	Heptachlor	ppb	Total	Actual					NPS_LEGACY	
14	Bromacil	ppb	Total	Actual					NPS_LEGACY	
15	Metolachlor	ppb	Total	Actual					NPS_LEGACY	
16	Aldrin	ppb	Total	Actual					NPS_LEGACY	
17	Isopropalin	ppb	Total	Actual					NPS_LEGACY	
18	Pendimethalin	ppb	Total	Actual					NPS_LEGACY	
19	Heptachlor epoxide	ppb	Total	Actual					NPS_LEGACY	
2	Butylate	ppb	Total	Actual					NPS_LEGACY	
20	DDE, p,p'-	ppb	Total	Actual					NPS_LEGACY	
21	Dieldrin	ppb	Total	Actual					NPS_LEGACY	
22	Endrin	ppb	Total	Actual					NPS_LEGACY	
23	DDD, p,p'-	ppb	Total	Actual					NPS_LEGACY	
24	DDT, p,p'-	ppb	Total	Actual					NPS_LEGACY	
25	Endosulfan Sulfate	ppb	Total	Actual					NPS_LEGACY	
26	Endosulfan, alpha-	ppb	Total	Actual					NPS_LEGACY	
27	Endosulfan, beta-	ppb	Total	Actual					NPS_LEGACY	
28	Methoxychlor	ppb	Total	Actual					NPS_LEGACY	
29	Endrin Aldehyde	ppb	Total	Actual					NPS_LEGACY	
3	Pebulate	ppb	Total	Actual					NPS_LEGACY	
30	Endrin ketone	ppb	Total	Actual					NPS_LEGACY	
31	Oxadiazon	ppb	Total	Actual					NPS_LEGACY	
32	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ppb	Total	Actual					NPS_LEGACY	
33	Vernolate	ppb	Total	Actual					NPS_LEGACY	
34	Benefin	ppb	Total	Actual					NPS_LEGACY	

Characteristic Group Details

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11NPSWRD

National Park Service

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
35	BHC-alpha	ppb	Total	Actual					NPS_LEGACY	
36	BHC-beta	ppb	Total	Actual					NPS_LEGACY	
37	BHC-delta	ppb	Total	Actual					NPS_LEGACY	
38	BHC-gamma (Lindane)	ppb	Total	Actual					NPS_LEGACY	
4	Molinate	ppb	Total	Actual					NPS_LEGACY	
5	Propachlor	ppb	Total	Actual					NPS_LEGACY	
6	Cycloate	ppb	Total	Actual					NPS_LEGACY	
7	Simazine	ppb	Total	Actual					NPS_LEGACY	
8	Atrazine	ppb	Total	Actual					NPS_LEGACY	
9	Propazine	ppb	Total	Actual					NPS_LEGACY	

Characteristic Group Details

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11TOX09

U. S. EPA Region 9 (Monitoring & Assessment Office)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIO-001	my taxa group	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Pollution	Functional Feeding Group	Trophic Level
	Salmonidae								
	Samytha californiensis								
	Sardinella aurita								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB-001	user defined habitat	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
1	Boulder Size 1	.25 - .4 meters
2	Boulder Size 2	.4 - .6 meters

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LOG-001	logger group	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					ORG-001	
DO_SAT	Dissolved oxygen saturation	%	Total	Actual					ORG-001	
ORP	Oxidation reduction potential (ORP)	volts	Total	Actual					ORG-001	
PH	pH	None	Total	Actual					ORG-001	
SPEC_CONDUCTIVITY	Specific conductance	mS/cm	Total	Actual					ORG-001	

Characteristic Group Details

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11TOX09

U. S. EPA Region 9 (Monitoring & Assessment Office)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TEMP	Temperature, water	deg C		Actual					ORG-001	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WAT-001	field water 1	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PH	pH	None	Total	Actual						
TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WAT-002	water 2	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Flow	cfs		Actual					ORG-001	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WAT-003	water 3	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
2	Dissolved oxygen saturation	%	Dissolved	Actual						

Characteristic Group Details

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1CTDPHBM

Connecticut Department of Public Health

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ENTERO_1	Marine water collection	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
10	Enterococcus Group Bacteria	cfu/100ml	Total	Actual	MPN		24 Hours	40 Deg C	ASTM D6503		
	Acceptable Range	10.00000 - 20,000.00000 cfu/100ml									

Characteristic Group Details

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211WVOWR

Division of Water and Waste Management

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
ACIDITY	Acidity	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Ionic Strength		Total	Actual						
ACID01	Acidity as CaCO3	mg/l	Fixed	Actual					305.2	
ACID02	Acidity, Free Mineral (FMA)	mg/l	Total	Actual					2310	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
ADMIN	admin	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Carbon, Total Inorganic	mg/l	Total	Actual						
	Lead	ug/l	Total	Actual					239.2	
	Nitrogen, organic		Total	Actual						
	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual						
	Acidity, Free Mineral (FMA)	mg/l	Total	Actual						
	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ADMINE01	Abandoned Mine Total Metal	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Iron	ug/l	Total	Actual					200.7(W)	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Aluminum	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBDISSM	Ambient Dissolved Metals	Sample	Water				N
Description		Dissolved Aluminum, Copper, Iron, Nickel, Silver, Zinc, and Lead					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AGD01	Silver	ug/l	Dissolved	Actual					200.7(W)	
ALD01	Aluminum	ug/l	Dissolved	Actual					202.1	
CDD01	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
CUD01	Copper	ug/l	Dissolved	Actual					200.7(W)	
FED01	Iron	ug/l	Dissolved	Actual					200.7(W)	
NID01	Nickel	ug/l	Dissolved	Actual					200.7(W)	
PBD01	Lead	ug/l	Dissolved	Actual					200.8(W)	
ZND01	Zinc	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBMTL09	Ambient Total Metals	Sample	Water				N
Description		Total Metals - Aluminum, Iron, Manganese, Mercury, Arsenic, Calcium, Magnesium, and Hexavalent Chromium					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALUMTOT1	Aluminum	ug/l	Total	Actual					200.7(W)	
ARTOT1	Arsenic	ug/l	Total	Actual					206.2	
CALMTOT1	Calcium	mg/l	Total	Actual					200.7(W)	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FETOT1	Iron	ug/l	Total	Actual					200.7(W)	
HEXCHRM1	Chromium, hexavalent	ug/l	Total	Actual					3500-CR(D)	
HGTOT1	Mercury	ug/l	Total	Actual					245.1	
MAGNTOT1	Magnesium	mg/l	Total	Actual					200.7(W)	
MANGTOT1	Manganese	ug/l	Total	Actual					200.7(W)	
SELEN01	Selenium	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBNT01	Ambient Non-Metallic	Sample	Water				N
Description Acidity, Alkalinity, Hardness, Sulfate, Chloride, Suspended Solids, and Free Cyanide							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKN01	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
CHLD01	Chloride	mg/l	Total	Actual					325.2	
CYNTOT1	Cyanide	mg/l	Free Available	Actual					335.4	
HACID01	Acidity as CaCO3	mg/l	Total	Actual					305.1	
HARD01	Hardness, carbonate	mg/l	Total	Actual					130.2	
IONIC	Ionic Strength		Total	Actual						
SOLID01	Solids, Fixed	mg/l	Suspended	Actual					160.2	
SULF01	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
TSS01	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBNT02	Ambient Metals No. 1	Sample	Water				N
Description Total Iron, Manganese, Aluminum, Arsenic, & Mercury							

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Aluminum	ug/l	Total	Actual					200.7(W)	
2	Iron	ug/l	Total	Actual					200.7(W)	
3	Manganese	ug/l	Total	Actual					200.7(W)	
4	Mercury	ug/l	Total	Actual					245.1	
5	Arsenic	ug/l	Total	Actual					206.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBNT03	Ambient Heavy Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Lead	ug/l	Total	Actual					239.2	
2	Cadmium	ug/l	Total	Actual					213.2	
3	Nickel	ug/l	Total	Actual					200.7(W)	
4	Silver	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBNT05	Tot Metal - Al, Fe, Mn, Hg, As	Sample	Water				N

Description Total Aluminum, Total Iron, Total Manganese, Total Mercury, & Total Arsenic

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ATM01	Aluminum	ug/l	Total	Actual					200.7(W)	
ATM02	Iron	ug/l	Total	Actual					200.7(W)	
ATM03	Manganese	ug/l	Total	Actual					200.7(W)	
ATM04	Arsenic	ug/l	Total	Actual					200.8(W)	
ATM05	Mercury	ug/l	Total	Actual					245.1	

Characteristic Group Details

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211WVOWR **Division of Water and Waste Management**

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
Group ID AMBNT07	Group Name Tot Metals - Al Fe Mn Hg As Ca		Field Activity Sample	Medium Water	Intent		Community		Result Group	Habitat N

Description Total Metals - Aluminum, Iron, Manganese, Mercury, Arsenic, Calcium, and Mangesium

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALTOT01	Aluminum	ug/l	Total	Actual					200.7(W)	
ASTOT01	Arsenic	ug/l	Total	Actual					206.2	
CALTOT01	Calcium	mg/l	Total	Actual					200.7(W)	
FETOT01	Iron	ug/l	Total	Actual					200.7(W)	
HGTOT01	Mercury	ug/l	Total	Actual					245.1	
MAGTOT01	Magnesium	mg/l	Total	Actual					200.7(W)	
MANTOT01	Manganese	ug/l	Total	Actual					200.7(W)	

Group ID AMBNTNRT	Group Name Ambient Nutrients		Field Activity Sample	Medium Water	Intent		Community		Result Group	Habitat N
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Description Ammonia, TKN, NO3+NO2, Phosphorus

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NH3N01	Nitrogen, ammonia as N	mg/l	Total	Actual					350.2(C)	
NITROSUM	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Calculated					NITROSUM	
NO2NO3T1	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO2R1	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					354.1	
NO3R1	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(D)	
PHOS04	Phosphorus as PO4	mg/l	Total	Actual						
PHOSP01	Phosphorus as P	mg/l	Total	Actual						
TKN01	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	
UNAMM1	Ammonia, unionized	mg/l	Total	Calculated					UNAMM1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBVIS02	Visual for Stream, Weather,	Field Msr/Obs	Water				N
Description		Visual Conditions for Stream, Weather, and Oil-Grease					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AVIS1	Oil and Grease			Actual					WVVISUAL01	
AVIS2	Weather Comments (text)								WVVISUAL01	
AVIS3	Stream condition (text)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBVISUL	Visual Severity	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
VIS01	Cloud cover (choice list)								WVVISUAL01	
VIS02	Algae, floating mat - severity (choice list)								WVVISUAL01	
VIS03	Floating debris - severity (choice list)								WVVISUAL01	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
VIS04	Turbidity severity (choice list)								WVVISUAL01	
VIS05	Fish Kill, severity (choice list)								WVVISUAL01	
VIS06	Floating Detergent/Soap - Severity (Choice List)								WVVISUAL01	
VIS07	Gas bubble severity (choice list)								WVVISUAL01	
VIS08	Ice cover, floating or solid - severity (choice list)								WVVISUAL01	
VIS09	Sludge, floating - severity (choice list)								WVVISUAL01	
VIS10	Odor severity (choice list)								WVVISUAL01	
VIS12	Floating solids, unspecified mix (choice list)								WVVISUAL01	
VIS13	Stream condition (text)								WVVISUAL01	
VIS14	Weather Comments (text)								WVVISUAL01	
VIS15	Algae, substrate rock/bank cover (choice list)									
VIS16	Non-plankton algae severity (choice list)									
VIS17	Periphyton, substrate rock/bank encrustation (choice list)									
VIS18	Oil and Grease, surface slick/sheen - severity (choice list)									
VIS19	Floating foam/suds - severity (choice list)									
VIS20	Floating Garbage Severity (Choice List)									
VIS21	Floating sewage - severity (choice list)									
VIS22	Flow, severity (choice list)									
VIS23	Flow, stream stage (choice list)									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
VIS24	Precipitation 24hr prior to monitoring event (choice list)									
VIS25	Precipitation during activity (choice list)									
VIS26	Sediment, Inorganic, Classification (Choice List)									
VIS27	Sediment, Organic, Classification (Choice List)								WVVISUAL01	
VIS28	Sludge, substrate rock/bank cover - severity (choice list)								WVVISUAL01	
VIS29	Stream Physical Appearance (choice list)								WVVISUAL01	
VIS30	Stream Recreational Suitability (choice list)								WVVISUAL01	
VIS31	Water appearance (text)								WVVISUAL01	
VIS32	Fish Kill Observation (text)								WVVISUAL01	
VIS33	General Observation (text)								WVVISUAL01	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMINE02	Abandoned Mine Dissolved Metal	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Iron	ug/l	Dissolved	Actual					200.7(W)	
	Aluminum	ug/l	Dissolved	Actual					200.7(W)	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BED	Substrate	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Substrate - bedrock	%		Actual						
	Substrate - submerged vegetation cover									
	Substrate - submerged logs									
	Substrate - silt/clay mix									
	Substrate - silt, very fine									
	Substrate - silt, medium									
	Substrate - silt, fine									
	Substrate - silt, coarse									
	Substrate - silt									
	Substrate - sediment thickness									
	Substrate - sand, very fine									
	Substrate - sand, very coarse									
	Substrate - sand, medium									
	Substrate - sand, fine									
	Substrate - sand, coarse									
	Substrate - sand									
	Substrate - miscellaneous other									
	Substrate - gravel, very fine									
	Substrate - gravel, very coarse									
	Substrate - gravel, medium									
	Substrate - gravel, fine									
	Substrate - gravel, coarse									
	Substrate - gravel									
	Substrate - grain size									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Substrate - detritus - coarse particulate									
	Substrate - cobbles, small									
	Substrate - cobbles, medium									
	Substrate - cobbles, large									
	Substrate - cobbles									
	Substrate - claypan soil									
	Substrate - clay/fine partic. org. matt.									
	Substrate - clay, medium									
	Substrate - clay									
	Substrate - boulders, small									
	Substrate - boulders, medium									
	Substrate - boulders, large									
	Substrate - boulders									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CARBON	Carbon, Organic	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOC1	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					415.1	
SOC1	Carbon, Total Organic (Toc)	mg/l	Suspended	Calculated					415.1	
TOC1	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COLIFM1	Coliform Organisms	Sample	Water				N

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Description Fecal Coliform, Escherichia Coli (E.Coli)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ECOLI01	Escherichia coli	#/100ml	Total	Actual						
FECAL01	Fecal Coliform	#/100ml	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DATALG1	Automatic Data Logger	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BATT1	Data-logger operating voltage	volts		Actual						
COND1	Specific conductance	uS/cm		Actual					2510	
DOX1	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
DOXS1	Dissolved oxygen saturation	%		Calculated						
PH1	pH	None		Actual					4500-H	
TEMPC1	Temperature, water	deg C		Actual					2550	
TEMPF1	Temperature, water	deg F		Calculated					2550	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DISSMETL	Dissolved Metals	Sample	Water				N

Description Dissolved Metals - Silver, Cadmium, Copper, Nickel, Lead, & Zinc

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Copper	ug/l	Dissolved	Actual					200.7(W)	
2	Nickel	ug/l	Dissolved	Actual					200.7(W)	
3	Silver	ug/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4	Zinc	ug/l	Dissolved	Actual					200.7(W)	
5	Cadmium	ug/l	Dissolved	Actual					213.2	
6	Lead	ug/l	Dissolved	Actual					239.2	
7	Chromium	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DISSMTL2	Dissolved Metals	Sample	Water				N
Description Dissolved Metals - Aluminum, Iron, and Manganese							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Aluminum	ug/l	Dissolved	Actual						
2	Iron	ug/l	Dissolved	Actual					200.7(W)	
3	Manganese	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FAHDEG	Temperature, Degrees Fahrenheit	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FAH01	Temperature, water	deg F		Calculated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD1	Field Measurements	Field Msr/Obs	Water				N
Description Temperature, pH, Dissolved Oxygen, Conductivity							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND01	Specific conductance	umho/cm		Actual					2510	
DOX01	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
PH01	pH	None		Actual					4500-H	
TEMP01	Temperature, water	deg C		Actual					2550	
TEMP02	Temperature, water	deg F		Calculated					2550	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FISH01	Fishes	Sample	Biological	Individual	Fish/Nekton		N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Micropterus			Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW01	Streamflow Measurements	Field Msr/Obs	Water				N

Description Flow, Depth, Stage, Width, and Velocity

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Flow	cfs		Actual					WVFLOW01	
2	Flow	cfs		Calculated	Mean				WVFLOW01	
3	Depth, bottom	ft		Actual	Mean					
4	Width	ft		Actual						
5	Stream width measure	ft		Actual						
6	Velocity - stream	ft/sec		Actual	Mean					

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLWSTG01	Flow and Stage Data	Field Msr/Obs	Water				N

Description Ambient Streamflow and Stage Data from U.S. Geological Survey Gaging Stations

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SF01	Flow	cfs		Actual					WVFLOW02	
SF02	Gage height	ft		Actual						
SF03	Flow	cfs		Calculated	Median				WVFLOW02	
SF04	Stream stage height	ft		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB01WV	West Virginia Defined Habitat	Field Msr/Obs					Y

Description Scores are: 0 to 5 are Poor. 6 to 10 are Marginal. 11 to 15 is Sub-optimal. 16 to 20 is Optimal. Scores for Banks are: 0 to 2 is Poor. 3 to 5 is Marginal. 6 to 8 is Sub-optimal. 9 to 10 is Optimal

Row ID	Characteristic Name	Description
HABWV01	Epif/Fish	Epifaunal Substrate/ Available Fish Cover. Score is from low of 0 to high at 20
HABWV02	Embeddedness	Embeddedness. Score is from low of 0 to high at 20
HABWV03	Velocity/Depth	Velocity/ Depth Regimes. Score is from low of 0 to high at 20
HABWV04	Channel Alteration	Channel Alteration. Score is from low of 0 to high at 20
HABWV05	Sediment Deposition	Sediment Deposition Score is from low of 0 to high at 20
HABWV06	Riffle Frequency	Riffle Frequency. Score is from low of 0 to high at 20
HABWV07	Channel Flow Status	Channel Flow Status. Score is from low of 0 to high at 20
HABWV08	Bank Stability Left	Bank Stability, Left Side, looking downstream. Score is from low of 0 to high at 10
HABWV09	Bank Stability Right	Bank Stability, Right Side, looking downstream Score is from low of 0 to high at 10
HABWV10	Bank Vegetative Protect. Left	Bank Vegetative Protection, Left Side, looking downstream. Score is from low of 0 to high at 10
HABWV11	Bank Vegetative Protect. Right	Bank Vegetative Protection, Right Side, looking downstream. Score is from low of 0 to high at 10
HABWV12	Veg. Zone Width Left	Width of Undisturbed Vegetative Zone, Left Side, looking downstream. Score is from low of 0 to high at 10

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Row ID	Characteristic Name	Description
HABWV13	Veg. Zone Width Right	Width of Undisturbed Vegetative Zone, Right Side, looking downstream Score is from low of 0 to high at 10
HABWV14	Total Score	Total Rapid Habitat Assessment Score

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB02WV	West Virginia Special Habitat	Field Msr/Obs					Y
Description		West Virginia Special Habitat Scores. 0 to 5 is Poor. 6 to 10 is Marginal. 11 to 15 is Sub-optimal and 16 to 20 is Optimal					

Row ID	Characteristic Name	Description
HABWV15	Benthic Substrate	Benthic Macroinvert Substrate Score is from low of 0 to high at 20
HABWV16	Trash Index	Trash Index Score is from low of 0 to high at 20
HABWV17	Remoteness Rating	Remoteness Rating Score is from low of 0 to high at 20
HABWV18	Reach Type	Name of Type of Reach Sampled

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
IN96METL	1996 Metals	Sample	Water				N
Description		This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Lead		Total	Actual					200.7(W)	
	Zinc	ug/l	Total	Actual					200.7(W)	
	Copper		Total	Actual					200.7(W)	
	Mercury		Total	Actual					245.1	
	Manganese	ug/l	Total	Actual					200.7(W)	
	Iron	ug/l	Total	Actual					200.7(W)	
	Aluminum	ug/l	Total	Actual					200.7(W)	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
IN96NUT	Nutrients for 1996	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia as N		Total	Actual					350.2(C)	
	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
	Phosphorus as P		Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INBUG1	Benthic Macroinvertebrate 1	Sample	Biological	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Leuctridae	count		Actual						
001	Nemertea	count		Actual						
002	Nematoda	count		Actual						
003	Hydroida	count		Actual						
004	Turbellaria	count		Actual						
005	Bryozoa	count		Actual						
006	Hirudinea	count		Actual						
007	Oligochaeta	count		Actual						
008	Corbiculidae	count		Actual						
009	Sphaeriidae	count		Actual						
010	Ancylidae	count		Actual						
011	Lymnaeidae	count		Actual						
012	Physidae	count		Actual						
013	Planorbidae	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
014	Cambaridae	count		Actual						
015	Asellidae	count		Actual						
016	Gammaridae	count		Actual						
017	Talitridae	count		Actual						
018	Baetidae	count		Actual						
019	Baetiscidae	count		Actual						
020	Caenidae	count		Actual						
021	Ephemerellidae	count		Actual						
022	Ephemeridae	count		Actual						
023	Heptageniidae	count		Actual						
024	Leptophlebiidae	count		Actual						
025	Oligoneuriidae	count		Actual						
026	Siphonuridae	count		Actual						
027	Tricorythidae	count		Actual						
029	Neophemeridae	count		Actual						
030	Potamanthidae	count		Actual						
031	Brachycentridae	count		Actual						
032	Glossosomatidae	count		Actual						
033	Hydropsychidae	count		Actual						
034	Hydroptilidae	count		Actual						
035	Rhyacophilidae	count		Actual						
036	Philopotamidae	count		Actual						
037	Psychomyiidae	count		Actual						
038	Lepidostomatidae	count		Actual						
039	Leptoceridae	count		Actual						
040	Limnephilidae	count		Actual						
041	Polycentropodidae	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
042	Capniidae	count		Actual						
043	Chloroperlidae	count		Actual						
044	Nemouridae	count		Actual						
045	Peltoperlidae	count		Actual						
046	Perlidae	count		Actual						
048	Taeniopterygidae	count		Actual						
049	Perlodidae	count		Actual						
050	Aeshnidae	count		Actual						
051	Gomphidae	count		Actual						
052	Libellulidae	count		Actual						
053	Macromiidae	count		Actual						
054	Calopterygidae	count		Actual						
055	Coenagrionidae	count		Actual						
056	Corduliidae	count		Actual						
057	Curculionidae	count		Actual						
058	Dryopidae	count		Actual						
059	Dytiscidae	count		Actual						
060	Elmidae	count		Actual						
061	Gyrinidae	count		Actual						
062	Haliplidae	count		Actual						
063	Hydrophilidae	count		Actual						
064	Psephenidae	count		Actual						
065	Ptilodactylidae	count		Actual						
066	Corydalidae	count		Actual						
067	Sialidae	count		Actual						
068	Corixidae	count		Actual						
069	Gerridae	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
070	Pyralidae	count		Actual						
071	Athericidae	count		Actual						
072	Tipulidae	count		Actual						
073	Ceratopogonidae	count		Actual						
074	Chaoboridae	count		Actual						
075	Culicidae	count		Actual						
076	Ephydriidae	count		Actual						
077	Empididae	count		Actual						
078	Simuliidae	count		Actual						
079	Tabanidae	count		Actual						
080	Chironomidae	count		Actual						
112	Psychodidae	count		Actual						
134	Veliidae	count		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INBUG2	Taxonomic Bug	Sample	Biological	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006	Hirudinidae	count		Actual						
082	Polymitarcyidae	count		Actual						
083	Calamoceratidae	count		Actual						
084	Helicopsychidae	count		Actual						
085	Molannidae	count		Actual						
086	Odontoceridae	count		Actual						
087	Phryganeidae	count		Actual						
088	Sericostomatidae	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
089	Spongillidae	count		Actual						
090	Sisyridae	count		Actual						
091	Hydrobiidae	count		Actual						
092	Pleuroceridae	count		Actual						
093	Viviparidae	count		Actual						
094	Branchiobdellidae	count		Actual						
095	Enchytraeidae	count		Actual						
096	Haplotaxidae	count		Actual						
097	Lumbriculidae	count		Actual						
098	Naididae	count		Actual						
099	Tubificidae	count		Actual						
100	Unionidae	count		Actual						
103	Hydrachnidae	count		Actual						
104	Lebertiidae	count		Actual						
105	Sperchonidae	count		Actual						
106	Palaemonidae	count		Actual						
107	Blephariceridae	count		Actual						
109	Dixidae	count		Actual						
110	Dolichopodidae	count		Actual						
111	Muscidae	count		Actual						
113	Ptychopteridae	count		Actual						
114	Sciomyzidae	count		Actual						
115	Stratiomyidae	count		Actual						
116	Syrphidae	count		Actual						
117	Tanyderidae	count		Actual						
118	Chrysomelidae	count		Actual						
119	Helodidae	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
120	Limnichidae	count		Actual						
121	Noteridae	count		Actual						
122	Cordulegastridae	count		Actual						
124	Lestidae	count		Actual						
126	Belostomatidae	count		Actual						
127	Gelastocoridae	count		Actual						
128	Hebridae	count		Actual						
129	Hydrometridae	count		Actual						
130	Mesoveliidae	count		Actual						
131	Naucoridae	count		Actual						
132	Nepidae	count		Actual						
133	Notonectidae	count		Actual						
135	Dendrocoelidae	count		Actual						
136	Planariidae	count		Actual						
137	Erpobdellidae	count		Actual						
138	Glossiphoniidae	count		Actual						
139	Piscicolidae	count		Actual						
142	Carabidae	count		Actual						
143	Staphylinidae	count		Actual						
146	Georyssidae	count		Actual						
147	Saldidae	count		Actual						
148	Crangonidae	count		Actual						
149	Scirtidae	count		Actual						
151	Hydraenidae	count		Actual						
153	Collembola	count		Actual						
154	Dreissena polymorpha	count		Actual						
421	Capniidae	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
422	Leuctridae	count		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
IN SCHLD	Chlorides	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chloride	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INSTV03	Nutrients	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
INUTR01	Phosphorus as P	mg/l	Total	Actual					4500-P-E	
INUTR02	Nitrogen, ammonia as N	mg/l	Total	Actual						
INUTR03	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
INUTR04	Nitrogen, Kjeldahl	mg/l	Total	Actual						
INUTR05	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
INUTR06	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INTSV01	Intensive Survey Non-Metallic	Sample	Water				N

Description Acidity, Alkalinity, Sulfate, and Solids

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Acidity as CaCO3	mg/l	Total	Actual					305.1	
2	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
3	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
4	Solids, Fixed	mg/l	Suspended	Actual					160.2	
5	Acidity as CaCO3	mg/l	Fixed	Actual					305.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INTSV02	Intensive Survey Metallic	Sample	Water				N

Description Total Metals - Aluminum, Calcium, Copper, Iron, Magnesium, Manganese, and Zinc.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALS1	Aluminum	ug/l	Acid Soluble	Actual					200.7(W)	
ALT1	Aluminum	ug/l	Total	Actual					200.7(W)	
CAT1	Calcium	mg/l	Total	Actual					200.7(W)	
CUT1	Copper	ug/l	Total	Actual					200.7(W)	
FE1	Iron	ug/l	Total	Actual					200.7(W)	
MGT1	Magnesium	mg/l	Total	Actual					200.7(W)	
MNT1	Manganese	ug/l	Total	Actual					200.7(W)	
SELEN1	Selenium	ug/l	Total	Actual					270.2	
ZNT1	Zinc	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INTSV09	Turbidity, Chloride, TSS	Sample	Water				N

Description Turbidity, Chloride, Suspended Solids.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chloride	mg/l	Total	Actual					325.2	
	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
	Turbidity	NTU		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INVSDM97	Dissolved Metals in NB Potom	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Arsenic	ug/l	Dissolved	Actual						
	Aluminum	ug/l	Dissolved	Actual						
	Cadmium	ug/l	Dissolved	Actual						
	Boron	ug/l	Dissolved	Actual						
	Beryllium	ug/l	Dissolved	Actual						
	Barium	ug/l	Dissolved	Actual						
	Iron	ug/l	Dissolved	Actual						
	Copper	ug/l	Dissolved	Actual						
	Chromium	ug/l	Dissolved	Actual						
	Calcium	mg/l	Dissolved	Actual						
	Lead	ug/l	Dissolved	Actual						
	Zinc	ug/l	Dissolved	Actual						
	Vanadium	ug/l	Dissolved	Actual						
	Titanium	ug/l	Dissolved	Actual						
	Thallium	ug/l	Dissolved	Actual						
	Selenium	ug/l	Dissolved	Actual						
	Nickel	ug/l	Dissolved	Actual						
	Molybdenum	ug/l	Dissolved	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Manganese	ug/l	Dissolved	Actual						
	Magnesium	mg/l	Dissolved	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INVSTM97	Total Metals North Br. 1997	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NBAL97	Aluminum	ug/l	Total	Actual					202.1	
NBAR97	Arsenic	ug/l	Total	Actual					206.2	
NBB97	Boron	ug/l	Total	Actual					200.7(W)	
NBBA97	Barium	ug/l	Total	Actual					200.7(W)	
NBBE97	Beryllium	ug/l	Total	Actual					210.1	
NBCA97	Calcium	mg/l	Total	Actual					215.1	
NBCD97	Cadmium	ug/l	Total	Actual					213.2	
NBCO97	Cobalt	ug/l	Total	Actual					219.2	
NBCR97	Chromium	ug/l	Total	Actual					218.1	
NBCU97	Copper	ug/l	Total	Actual					220.1	
NBFE97	Iron	ug/l	Total	Actual					236.1	
NBMG97	Magnesium	mg/l	Total	Actual					242.1	
NBMN97	Manganese	ug/l	Total	Actual					243.1	
NBMO97	Molybdenum	ug/l	Total	Actual					246.1	
NBNI97	Nickel	ug/l	Total	Actual					249.1	
NBPB97	Lead	ug/l	Total	Actual					239.2	
NBSB97	Antimony	ug/l	Total	Actual					204.2	
NBSE97	Selenium	ug/l	Total	Actual					270.2	
NBSN97	Tin	ug/l	Total	Actual					282.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NBT197	Titanium	ug/l	Total	Actual					283.2	
NBTL97	Thallium	ug/l	Total	Actual					279.2	
NBV97	Vanadium	ug/l	Total	Actual					286.2	
NBZN97	Zinc	ug/l	Total	Actual					289.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ISDSMT01	Intensive Survey Dissolved Met	Sample	Water				N
Description		Dissolved Aluminum, Copper, Iron, Zinc, Calcium, and Maganese					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALD01	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
CAD01	Calcium	mg/l	Dissolved	Actual					200.7(W)	
CUD01	Copper	ug/l	Dissolved	Actual					200.7(W)	
FED01	Iron	ug/l	Dissolved	Actual					200.7(W)	
MND01	Manganese	ug/l	Dissolved	Actual					200.7(W)	
ZND01	Zinc	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
IVSAMPLE	Intensive Survey Sample	Sample	Water				N
Description		Lab pH, Acidity, Alkalinity, Sulfate, TSS					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acidity as CaCO3	mg/l	Total	Actual					305.1	
	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
	pH	None		Actual					150.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NPDES	NPDES Monitoring Data	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Lead	ppb	Total	Actual						
	Barium	ppb	Total	Actual						
	Carbon tetrachloride	ug/l	Total	Actual						
	Chloroethane	ug/l	Volatile	Actual						
	Temperature, water	deg F		Actual						
	Specific conductance	mho/cm		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHOS	Phosphorus	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHOS01	Phosphorus as P	mg/l	Total	Actual					365.2	
PHOS02	Phosphorus as PO4	mg/l	Total	Actual					365.2	
PHOS03	Phosphorus, orthophosphate as P	mg/l	Total	Actual						
PHOS04	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
RBPHAB	Habitat Assessment	Field Msr/Obs							Y	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
RBPHAB01	RBP Bank Vegetative Protection, Left									
RBPHAB02	RBP Bank Vegetative Protection, Right									
RBPHAB03	RBP Bank Vegetative Stability, Left									
RBPHAB04	RBP Bank Vegetative Stability, Right									
RBPHAB05	RBP Embeddedness									
RBPHAB06	RBP Epifaunal Substrate									
RBPHAB07	RBP Channel Alteration									
RBPHAB08	RBP Frequency of Riffles									
RBPHAB09	RBP Sediment Deposition									
RBPHAB10	RBP Sediment Odors									
RBPHAB11	RBP Sediment Oils									
RBPHAB12	RBP Stream Depth - Pool	m		Actual	Mean					
RBPHAB13	RBP Stream Depth - Riffle	m		Actual	Mean					
RBPHAB14	RBP Stream Depth - Run	m		Actual	Mean					
RBPHAB15	RBP Stream Width	m		Actual	Mean					
RBPHAB16	RBP Water Odors									
RBPHAB17	RBP Water Surface Oils									
RBPHAB18	RBP Local Watershed NPS Pollution									
RBPHAB19	RBP Local Watershed Erosion									
RBPHAB20	RBP2, Watershed, Predominant Surrounding Landuse									
RBPHAB21	RBP2, Sediment/Substrate,									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
RBP2	Deposits									
RBP2	RBP2, Sediment/Substrate, Odors									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RBP2	RBP Habitat Low Gradient	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LHAB01	RBP2, High G, Velocity/Depth Regime									
LHAB02	RBP2, Low G, Bank Stability, Left Bank									
LHAB03	RBP2, Low G, Bank Stability, Right Bank									
LHAB04	RBP2, Low G, Channel Alteration									
LHAB05	RBP2, Low G, Channel Flow Status									
LHAB06	RBP2, Low G, Epifaunal Substrate/Available Cover									
LHAB07	RBP2, Low G, Habitat Assessment Total Score	None		Actual						
LHAB08	RBP2, Low G, Sediment Deposition									
LHAB09	RBP2, Low G, Vegetative Protection, Left Bank									
LHAB10	RBP2, Low G, Vegetative Protection, Right Bank									
LHAB11	RBP Embeddedness									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LHAB12	RBP Frequency of Riffles									
LHAB13	RBP2, Low G, Riparian Vegetative Zone Width, Left Bank									
LHAB14	RBP2, Low G, Riparian Vegetative Zone Width, Right Bank									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RBPSPEC	Special Water Visual	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ODOR01	RBP Water Odors									
OIL01	RBP Water Surface Oils									
STAGE01	Flow, stream stage (choice list)									
TURB01	RBP Turbidity Code									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RBPSTREA	RBP Streams Width and Depth	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	RBP Stream Width	m		Actual	Mean					
	RBP Stream Depth - Pool	ft		Calculated	Mean					
	RBP Stream Depth - Pool	m		Actual	Mean					
	RBP Stream Depth - Run	ft		Calculated	Mean					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	RBP Stream Depth - Run	m		Actual	Mean					
	RBP Stream Depth - Riffle	ft		Calculated	Mean					
	RBP Stream Depth - Riffle	m		Actual	Mean					
	RBP Stream Width	ft		Calculated	Mean					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RBPSUBST	RBP Substrates	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	RBP2, Substrate, Inorganic, Clay, <0.004 mm	%		Actual						
	RBP2, Substrate, Inorganic, Silt, 0.004-0.06 mm	%		Actual						
	RBP2, Substrate, Inorganic, Sand, 0.06-2 mm	%		Actual						
	RBP2, Substrate, Inorganic, Gravel, 2-64 mm	%		Actual						
	RBP2, Substrate, Inorganic, Boulder, >256 mm	%		Actual						
	RBP2, Substrate, Inorganic, Bedrock	%		Actual						
	RBP2, Substrate, Inorganic, Cobble, 64-256 mm	%		Actual						
	General Observation (text)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEMIVOLT	Semi-Volatile Organics	Sample	Water				N

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SEMV01	Acenaphthene	ug/l	Total	Actual					8270C(W)	
SEMV02	Acenaphthylene	ug/l	Total	Actual					8270C(W)	
SEMV03	Anthracene	ug/l	Total	Actual					8270C(W)	
SEMV04	Benzo[a]anthracene	ug/l	Total	Actual					8270C(W)	
SEMV05	Benidine	ug/l	Total	Actual					8270C(W)	
SEMV06	Benzo[a]pyrene	ug/l	Total	Actual					8270C(W)	
SEMV07	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					8270C(W)	
SEMV08	Chloronaphthalene-2	ug/l	Total	Actual					8270C(W)	
SEMV09	Chlorophenol-2	ug/l	Total	Actual					8270C(W)	
SEMV10	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					8270C(W)	
SEMV11	Dibenzo[a,h]anthracene	ug/l	Total	Actual					8270C(W)	
SEMV12	1,2-Dichlorobenzene	ug/l	Total	Actual					8270C(W)	
SEMV13	1,3-Dichlorobenzene	ug/l	Total	Actual					8270C(W)	
SEMV14	1,4-Dichlorobenzene	ug/l	Total	Actual					8270C(W)	
SEMV15	Dichlorobenzidine, 3,3'	ug/l	Total	Actual					8270C(W)	
SEMV16	2,4-Dichlorophenol	ug/l	Total	Actual					8270C(W)	
SEMV17	2,4-Dimethylphenol	ug/l	Total	Actual					8270C(W)	
SEMV18	Dinitrophenol, 2,4-	ug/l	Total	Actual					8270C(W)	
SEMV19	2,4-Dinitrotoluene	ug/l	Total	Actual					8270C(W)	
SEMV20	2,6-Dinitrotoluene	ug/l	Total	Actual					8270C(W)	
SEMV21	Diphenylhydrazine, 1,2-	ug/l	Total	Actual					8270C(W)	
SEMV22	bis(2-chloroethyl) ether	ug/l	Total	Actual					8270C(W)	
SEMV23	Benzo[k]fluoranthene	ug/l	Total	Actual					8270C(W)	
SEMV24	Benzo[b]fluoranthene	ug/l	Total	Actual					8270C(W)	
SEMV25	Hexachlorobenzene	ug/l	Total	Actual					8270C(W)	
SEMV26	Hexachlorobutadiene	ug/l	Total	Actual					8270C(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SEMV27	Hexachlorocyclopentadiene	ug/l	Total	Actual					8270C(W)	
SEMV28	Hexachloroethane	ug/l	Total	Actual					8270C(W)	
SEMV29	Isophorone	ug/l	Total	Actual					8270C(W)	
SEMV30	bis(2-chloroethoxy) methane	ug/l	Total	Actual					8270C(W)	
SEMV31	Naphthalene	ug/l	Total	Actual					8270C(W)	
SEMV32	Nitrosodimethylamine, n-	ug/l	Total	Actual					8270C(W)	
SEMV33	n-Nitrosodiphenylamine	ug/l	Total	Actual					8270C(W)	
SEMV34	Benzo[g,h,i]perylene	ug/l	Total	Actual					8270C(W)	
SEMV35	Phenol	ug/l	Total	Actual					8270C(W)	
SEMV36	Dibutyl phthalate	ug/l	Total	Actual					8270C(W)	
SEMV37	Diethyl phthalate	ug/l	Total	Actual					8270C(W)	
SEMV38	Butyl benzyl phthalate	ug/l	Total	Actual					8270C(W)	
SEMV39	bis(n-octyl) Phthalate	ug/l	Total	Actual					8270C(W)	
SEMV40	Dimethyl phthalate	ug/l	Total	Actual					8270C(W)	
SEMV41	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					8270C(W)	
SEMV42	n-Nitrosodipropylamine	ug/l	Total	Actual					8270C(W)	
SEMV43	Pyrene	ug/l	Total	Actual					8270C(W)	
SEMV44	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					8270C(W)	
SEMV45	Pentachlorophenol (PCP)	ug/l	Total	Actual					8270C(W)	
SEMV46	1,2,4-Trichlorobenzene	ug/l	Total	Actual					8270C(W)	
SEMV47	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					8270C(W)	
SEMV48	Bis(2-chloroisopropyl) ether	ug/l	Total	Actual					8270C(W)	
SEMV49	4,6-Dichloro-2-methylphenol	ug/l	Total	Actual					8270C(W)	
SEMV50	Fluorene	ug/l	Total	Actual					8270C(W)	
SEMV51	Phenanthrene	ug/l	Total	Actual					8270C(W)	
SEMV52	Fluoranthene	ug/l	Total	Actual					8270C(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SEMV53	Chrysene	ug/l	Total	Actual					8270C(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
STAGE	Flow Gage Stage height	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Stream stage height	ft		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
STONY1	pH, TSS, Spec. Cond.	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
	Specific conductance	umho/cm		Actual					120.1	
	pH	None		Actual					150.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SUBSTRAT	Substrates	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SUBST01	RBP Substrate - Bedrock	%		Actual						
SUBST02	RBP Substrate - Boulders >256 mm	%		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SUBST03	RBP Substrate - Cobbles 64-256 mm	%		Actual						
SUBST04	RBP Substrate - Detritus - Coarse Particulate	%		Actual						
SUBST05	RBP Substrate - Gravel 2-64 mm	%		Actual						
SUBST06	RBP Substrate - Marl - Gray, Shell Fragments	%		Actual						
SUBST07	RBP Substrate - Muck/Mud - Very Fine Particles	%		Actual						
SUBST08	RBP Substrate - Sand 0.06-2.0 mm	%		Actual						
SUBST09	RBP Substrate - Silt 0.004-0.06 mm	%		Actual						
SUBST10	RBP2, Substrate, Inorganic, Bedrock	%		Actual						
SUBST11	RBP2, Substrate, Inorganic, Boulder, >256 mm	%		Actual						
SUBST12	RBP2, Substrate, Inorganic, Clay, <0.004 mm	%		Actual						
SUBST13	RBP2, Substrate, Inorganic, Cobble, 64-256 mm	%		Actual						
SUBST14	RBP2, Substrate, Inorganic, Gravel, 2-64 mm	%		Actual						
SUBST15	RBP2, Substrate, Inorganic, Sand, 0.06-2 mm	%		Actual						
SUBST16	RBP2, Substrate, Inorganic, Silt, 0.004-0.06 mm	%		Actual						
SUBST17	RBP2, Substrate, Organic, Detritus, Sticks, Wood, etc.(CPOM)	%		Actual						
SUBST18	RBP2, Substrate, Organic, Marl,	%		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SUBST19	Grey Shell Fragments RBP2, Substrate, Organic, Muck-Mud, Black-Fine (FPOM)	%		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TDMLTXT0	TMDL Text Data	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDL01	TMDL Sampling	Sample	Water				N
Description Chlorides, COD, Flouride, Hardness, NO3&NO2, Sulfate, TSS, TOC, Tirbidity							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01	Hardness, carbonate	mg/l	Total	Calculated					130.2	
02	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
03	Chloride	mg/l	Total	Actual					325.2	
04	Solids, Total Suspended (TSS)	mg/l		Actual						
05	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual						
06	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
07	Turbidity	NTU		Actual						
08	Fluorides	mg/l	Total	Actual						
09	Phosphorus	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDL02	TMDL Dissolved Metals	Sample	Water				N

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Division of Water and Waste Management

Description Dissolved Copper, Zinc, Iron, and Manganese.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01	Iron	ug/l	Dissolved	Actual					200.7(W)	
02	Manganese	ug/l	Dissolved	Actual					200.7(W)	
03	Zinc	ug/l	Dissolved	Actual					200.7(W)	
04	Copper	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDL03	Diss. Metal	Sample	Water				N

Description Dissolved Aluminum, Iron, Zinc & Lead

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALDTMDL	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
ALSTMDL	Aluminum	ug/l	Acid Soluble	Actual					200.7(W)	
FEDTMDL	Iron	ug/l	Dissolved	Actual					200.7(W)	
PBDTMDL	Lead	ug/l	Dissolved	Actual					239.2	
ZNSTMDL	Zinc	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDL04	TMDL Elk Total Metals	Sample	Water				N

Description Total Aluminum, Iron, Zinc & Lead

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALTMDL	Aluminum	ug/l	Total	Actual						
FETMDL	Iron	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PBTMDL	Lead	ug/l	Total	Actual					239.2	
ZNTMDL	Zinc	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLDM02	TMDL Diss. Al., Fe., and Pb	Sample	Water				N

Description Dissolved Aluminum, Iron, and Lead for TMDL

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TMDLDAL1	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
TMDLDFE1	Iron	ug/l	Dissolved	Actual					200.7(W)	
TMDLDPB1	Lead	ug/l	Dissolved	Actual					239.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLDSMT	Dissolved Mine Metals	Sample	Water				N

Description Dissolved Aluminum & Iron

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Iron	ug/l	Dissolved	Actual					200.7(W)	
	Aluminum	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLEMB1	TMDL RBP Embeddedness	Field Msr/Obs					Y

Characteristic Group Details

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Row ID	Characteristic Name	Description
EMBED01	Embeddedness	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLFLOW	Flows for TMDL Sites	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BANK01	Width	ft		Actual					WVFLOW01	
DEPTH01	Depth, bottom	ft		Actual	Mean				WVFLOW01	
FLW01	Flow	cfs		Actual					WVFLOW01	
VELOC01	Velocity - stream	ft/sec		Actual	Mean				WVFLOW01	
WIDTH01	Stream width measure	ft		Actual					WVFLOW01	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLHAB1	TMDL Habitat	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TMDLRBP01	RBP2, Low G, Sediment Deposition									
TMDLRBP02	RBP2, Low G, Bank Stability, Left Bank									
TMDLRBP03	RBP2, Low G, Bank Stability, Right Bank									
TMDLRBP04	RBP2, Low G, Vegetative Protection, Left Bank									
TMDLRBP05	RBP2, Low G, Vegetative Protection, Right Bank									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TMDLRBP06	RBP2, Low G, Riparian Vegetative Zone Width, Left Bank									
TMDLRBP07	RBP2, Low G, Riparian Vegetative Zone Width, Right Bank									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLHAB2	TMDL Habitat No. 2	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
RBPTMDL02	RBP2, Low G, Bank Stability, Left Bank									
RBPTMDL03	RBP2, Low G, Bank Stability, Right Bank									
RBPTMDL04	RBP2, Low G, Channel Alteration									
RBPTMDL05	RBP2, Low G, Channel Flow Status									
RBPTMDL06	RBP2, Low G, Epifaunal Substrate/Available Cover									
RBPTMDL07	RBP2, Low G, Habitat Assessment Total Score	None		Calculated						
RBPTMDL08	RBP2, Low G, Riparian Vegetative Zone Width, Left Bank									
RBPTMDL09	RBP2, Low G, Riparian Vegetative Zone Width, Right Bank									
RBPTMDL10	RBP2, Low G, Sediment									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Deposition									
RBPTMDL11	RBP2, Low G, Vegetative Protection, Left Bank									
RBPTMDL12	RBP2, Low G, Vegetative Protection, Right Bank									
RBPTMDL13	RBP2, High G, Velocity/Depth Regime									
RBPTMDL14	RBP Frequency of Riffles									
RBPTMDL15	RBP Substrate - Bedrock	%		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLHDS	Hardness and Tot. Sus. Solids	Sample	Water				N
Description Total Hardness and Total Suspended Solids for TMDL							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HARD01	Hardness, carbonate	mg/l	Total	Actual					2340	
TSS01	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLJAM	Lab. Conduct and TSS	Sample	Water				N
Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
	Specific conductance	umho/cm		Actual					120.1	

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLSMP	TMDL Samples	Sample	Water				N

Description Acidity, Alkalinity, Sulfate, and Suspended Solids

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
	Acidity as CaCO3	mg/l	Total	Actual					305.1	
	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TMDLTMTL	TMDL Mine Total Metals	Sample	Water				N

Description Total Aluminum, Iron, & Manganese

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Manganese	ug/l	Total	Actual					200.7(W)	
	Iron	ug/l	Total	Actual					200.7(W)	
	Aluminum	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TSS	Hardness, TSS for TMDL	Sample	Water				N

Description Total Suspended Solids

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Hardness, carbonate	mg/l	Total	Calculated					2340	
	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UNAMM	Un-ionized Ammonia	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
UNIAMM1	Ammonia, unionized	mg/l	Total	Calculated					350.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UNAMMONI	Unammonia	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Ammonia, unionized	mg/l	Total	Calculated					UNAMM1	
	Nitrogen, ammonia as N	mg/l	Total	Actual					350.2(C)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VISUALWP	Wap Visual	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Periphyton, substrate rock/bank encrustation (choice list)									
	Algae, substrate rock/bank cover (choice list)									
	Precipitation during activity (choice list)									
	RBP2, Sediment/Substrate, Deposits									

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	RBP2, Sediment/Substrate, Oils									
	RBP2, Sediment/Substrate, Odors									
	RBP Turbidity Code									
	RBP Water Surface Oils									
	RBP Water Odors									
	RBP Local Watershed NPS Pollution									
	RBP Local Watershed Erosion									
	RBP Predominant Surrounding Land Use									
	Flow, stream stage (choice list)									
	Flow, severity (choice list)									
	Precipitation 24hr prior to monitoring event (choice list)									
	Precipitation 48hr prior to monitoring event (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLORGN1	Organic Volatiles	Sample	Water				N
	Description	Volatiles Organics Samples					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
VOL1	Acrolein	ug/l	Total	Actual					8260B	
VOL10	Dichloroethane, 1,2-	ug/l	Total	Actual					8260B	
VOL11	Dichloropropane, 1,2-	ug/l	Total	Actual					8260B	
VOL12	cis-1,3-Dichloropropene	ug/l	Total	Actual					8260B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
VOL13	trans-1,3-Dichloropropene	ug/l	Total	Actual					8260B	
VOL14	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					8260B	
VOL15	Vinyl chloride	ug/l	Total	Actual					8260B	
VOL16	Toluene	ug/l	Total	Actual					8260B	
VOL18	Trichloroethane, 1,1,1-	ug/l	Total	Actual					8260B	
VOL19	Trichloroethane, 1,1,2-	ug/l	Total	Actual					8260B	
VOL2	Acrylonitrile	ug/l	Total	Actual					8260B	
VOL20	Ethylbenzene	ug/l	Total	Actual					8260B	
VOL21	2-Chloroethyl vinyl ether	ug/l	Total	Actual					8260B	
VOL22	Dichloromethane	ug/l	Total	Actual					8260B	
VOL23	Dichlorobromomethane	ug/l	Total	Actual					8260B	
VOL24	Chlorodibromomethane	ug/l	Total	Actual					8260B	
VOL3	Benzene	ug/l	Total	Actual					8260B	
VOL4	Bromoform	ug/l	Total	Actual					8260B	
VOL5	Carbon tetrachloride	ug/l	Total	Actual					8260B	
VOL6	Chlorobenzene	ug/l	Total	Actual					8260B	
VOL7	Chloroethane	ug/l	Total	Actual					8260B	
VOL8	Chloroform	ug/l	Total	Actual					8260B	
VOL9	Dichloroethane, 1,1-	ug/l	Total	Actual					8260B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WELL01	Well Data	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chloride	mg/l	Total	Actual					325.2	
2	Specific conductance	mho/cm		Actual					2510	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
3	Depth, data-logger (non-ported)	ft		Actual						
4	Temperature, water	deg F		Actual					2550	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WILD LIFE	Wildlife Observations	Field Msr/Obs	Other				N

Description Wildlife seen in the waters of the reach in question, and surrounding area of reach.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	General Observation (text)			Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WVHAB01	WVDEP Habitat	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
WVHAB01	Benthic Macroinvert Substrate	
WVHAB02	Trash Index	
WVHAB03	Remoteness Rating	
WVHAB04	Riffle Frequency	
WVHAB05	Width Un. Vegetative Left	Width of Undisturbed Vegetative Zone - Left Bank
WVHAB06	Width Un. Vegetative Right	Width of Undisturbed Vegetative Zone - Right Bank
WVHAB07	RBP Velocity/Depth Regime	
WVHAB08	Reach Type	Type of Reach (Riffle/Run, Glide/Pool, TMDL)
WVHAB09	RBP Notes	Notes concerning RBP scores
WVHAB10	Embeddedness	
WVHAB11	RBP Frequency of Ripples	

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WVHAB02	WV DEP Habitat No 2	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
WVHAB01	RBP Velocity Depth Regimes	
WVHAB02	RBP Riffle Frequency	
WVHAB03	Benthic Macroinvert Substrate	
WVHAB04	Trash Index	
WVHAB05	Remoteness Rating	
WVHAB06	Reach Type	
WVHAB07	RBP Notes	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WVWILD	Wildlife	Field Msr/Obs	Water				N

Characteristic Group Details

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21AKBCH

Alaska Department of Environmental Conservation

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AK-PATHO	bacterial concentration	Sample	Water				N

Characteristic Group Details

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21ALBCH

Alabama Department of Environmental Management

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ADEM-002	Field Msr/Obs	Field Msr/Obs	Water				N

Characteristic Group Details

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21AQ

Commonwealth Northern Mariana Islands

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BEACH	beach	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Weather Condition (WMO Code 4501) (Choice List)									
	Enterococcus Group Bacteria									

Characteristic Group Details

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21CABCH

Calif State Water Resources Control Board

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ENTERO	enterococcus	Sample	Water				N
FECAL	fecal coliforms	Sample	Water				N
TOTAL	total coliforms	Sample	Water				N

Characteristic Group Details

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21CAOCSD

Orange County Sanitation District California

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	Benthic Infauna	Sample	Water	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	Sediment Chemistry	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
0021	Anthracene	ml/l	Total	Actual					SED02 REV. B	LPROC001
00210	Perylene	ug/kg	Total	Actual					SED02 REV. B	
002100	Tetrachloroethane, 1,1,2,2-	ug/kg	Total	Actual					FISH01 REV. C	
002101	Trichloroethane, 1,1,2-	ug/kg	Total	Actual					FISH01 REV. C	
002102	Dichloroethane, 1,1-	ug/kg	Total	Actual					SEDIMENT CHEM	
002103	Trimethylbenzene, 1,2,4-	ug/kg	Total	Actual					FISH01 REV. C	
002104	Dichloroethane, 1,2-	ug/m2	Total	Actual					FISH01 REV. C	
002105	Dichloropropane, 1,2-	ug/kg	Total	Actual					SEDIMENT CHEM	
002106	Dichloropropene, 1,2-	ug/kg	Total	Actual					SEDIMENT CHEM	
002107	Diphenylhydrazine, 1,2-	ug/kg	Total	Actual					SEDIMENT CHEM	
002108	Dichloropropane, 1,3-	ug/kg	Total	Actual					SEDIMENT CHEM	
002109	Methylnaphthalene, 1-	ug/kg	Total	Actual					FISH01 REV. C	
00211	Phenanthrenes, C1-C4	ug/kg	Total	Actual					SED02 REV. B	
002110	Methylphenanthrene, 1-	ug/kg	Total	Actual					FISH01 REV. C	
002111	bis(2-chloroethyl) ether	ug/kg	Total	Actual						
002112	Trichlorophenol, 2,4,5-	ug/kg	Total	Actual						
002113	2,4,6-Trichlorophenol (TCPPh)	ug/kg	Total	Actual					FISH01 REV. C	
002114	2,4-Dichlorophenol	ug/kg	Total	Actual						

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21CAOCSD

Orange County Sanitation District California

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
002115	2,4-Dimethylphenol	ug/kg	Total	Actual						
002116	2,4-Dinitrotoluene	ug/kg	Total	Actual						
002117	Dimethylnaphthalene, 2,6-	ug/kg	Total	Actual					FISH01 REV. C	
002118	2,6-Dinitrotoluene	ug/kg	Total	Actual						
002119	Chlorophenol-2	ug/kg	Total	Actual					SEDIMENT CHEM	
00212	Pyrene	ug/kg	Total	Actual					SED02 REV. B	
002120	Dichlorobenzidine, 3,3'-	ug/kg	Total	Actual					SEDIMENT CHEM	
002121	p-Nitrophenol	ug/kg	Total	Actual						
002122	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/kg	Total	Actual					FISH01 REV. C	
002123	Chlorophenyl-4 phenyl ether	ug/kg	Total	Actual						
002124	Chrysenes C1-C4	ug/kg	Total	Actual					SEDIMENT CHEM	
002125	Cyanide	mg/kg	Total	Actual					FISH01 REV. C	
002126	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					SEDIMENT CHEM	
002127	DDD, 2,4'- ***retired*** (use o,p'- DDD)	ug/kg	Total	Actual					FISH01 REV. C	
002128	DDD, p,p'-	ug/kg	Total	Actual					FISH01 REV. C	
002129	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					SEDIMENT CHEM	
00213	Aluminum	mg/kg	Total	Actual					SEDIMENT CHEM	
002130	DDE, 2,4'- ***retired*** (Use o,p'- DDE)	ug/kg	Total	Actual					SEDIMENT CHEM	
002131	DDE, p,p'-	ug/kg	Total	Actual					FISH01 REV. C	
002132	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					SEDIMENT CHEM	

Characteristic Group Details

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21CAOCSD

Orange County Sanitation District California

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
002133	DDT, p,p'-	ug/kg	Total	Actual					FISH01 REV. C	
002134	DDT,o,p'-	ug/kg	Total	Actual					FISH01 REV. C	
002135	Dibenzofuran	ug/kg	Total	Actual						
002136	Dibenzothiophene	ug/kg	Total	Actual					FISH01 REV. C	
002137	Dibenzothiophenes, 1-	ug/kg	Total	Actual					SEDIMENT CHEM	
002138	Dibromodichloromethane	ug/kg	Total	Actual						
002139	Dibutyl phthalate	ug/kg	Total	Actual					FISH01 REV. C	
00214	Antimony	mg/kg	Total	Actual					200.8 REV. B	
002140	Dichlorobenzene ***retired*** (use Dichlorobenzene isomers)	ug/kg	Total	Actual					SEDIMENT CHEM	
002141	Dichloromethane	ug/kg	Total	Actual					FISH01 REV. C	
002142	Diethyl phthalate	ug/kg	Total	Actual					FISH01 REV. C	
002143	Dimethyl phthalate	ug/kg	Total	Actual					FISH01 REV. C	
002144	Endosulfan, alpha-	ug/kg	Total	Actual					SED01 REV. A	
002145	Endosulfan, beta-	ug/kg	Total	Actual					SED01 REV. A	
002146	Endosulfan Sulfate	ug/kg	Total	Actual						
002147	Endrin Aldehyde	ug/kg	Total	Actual						
002148	Ethylbenzene	ug/kg	Total	Actual						
002149	Ethylene chlorohydrin	ug/kg	Total	Actual					FISH01 REV. C	
00215	Arsenic	mg/kg	Total	Actual					200.8 REV. B	
002150	Fluoranthenes + Pyrenes Mix, unspecified	ug/kg	Total	Actual					SED02 REV. B	
002151	Hexachlorobenzene	ug/kg	Total	Actual					SEDIMENT CHEM	
002152	Hexachlorobutadiene	ug/kg	Total	Actual					FISH01 REV. C	
002153	Hexachlorocyclohexane (mixture)	ug/kg	Total	Actual					SEDIMENT CHEM	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
002154	Hexachlorocyclopentadiene	ug/kg	Total	Actual						
002155	Hexachloroethane	ug/kg	Total	Actual						
002156	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual					SED02 REV. B	
002157	Isophorone	ug/kg	Total	Actual						
002158	Methyl bromide	ug/kg	Total	Actual						
002159	Methyl chloride	ug/kg	Total	Actual						
00216	Beryllium	mg/kg	Total	Actual					200.8 REV. B	
002160	Naphthalenes, C1-C4	ug/kg	Total	Actual					SED02 REV. B	
002161	Nitrophenols (mixed isomers)	ug/kg	Total	Actual					FISH01 REV. C	
002162	Oil and Grease	ug/kg	Total	Actual					SEDIMENT CHEM	
002163	Pcb-110	ug/kg	Total	Actual						
002164	Pcb-119	ug/kg	Total	Actual					FISH01 REV. C	
002165	Pcb-153	ug/kg	Total	Actual						
002166	Pcb-170	ug/kg	Total	Actual						
002167	Pcb-187	ug/kg	Total	Actual					FISH01 REV. C	
002168	Pcb-189	ug/kg	Total	Actual					FISH01 REV. C	
002169	Pcb-195	ug/kg	Total	Actual					FISH01 REV. C	
00217	Cadmium	mg/kg	Total	Actual					200.8 REV. B	
002170	PCB-028	ug/kg	Total	Actual						
002171	PCB-042	ug/kg	Total	Actual					FISH01 REV. C	
002172	PCB-066	ug/kg	Total	Actual					FISH01 REV. C	
002173	PCB-070	ug/kg	Total	Actual					FISH01 REV. C	
002174	PCB- 077	ug/kg	Total	Actual					FISH01 REV. C	
002175	PCB-008	ug/kg	Total	Actual					FISH01 REV. C	
002176	PCB-081	ug/kg	Total	Actual					FISH01 REV. C	
002177	Pcb-aroclor 1016	ug/kg	Total	Actual					FISH01 REV. C	

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002178	Pcb-aroclor 1221	ug/kg	Total	Actual					FISH01 REV. C	
002179	Pcb-aroclor 1232	ug/kg	Total	Actual					FISH01 REV. C	
00218	Chromium	mg/kg	Total	Actual					200.8 REV. B	
002180	Pcb-aroclor 1242	ug/kg	Total	Actual					FISH01 REV. C	
002181	Pcb-aroclor 1248	ug/kg	Total	Actual					FISH01 REV. C	
002182	Pcb-aroclor 1254	ug/kg	Total	Actual					FISH01 REV. C	
002183	Pcb-aroclor 1260	ug/kg	Total	Actual					FISH01 REV. C	
002184	Pentachloronaphthalene	ug/kg	Total	Actual						
002185	Phenanthrene + Anthracene (C1-C4) Mix, unspecified	ug/kg	Total	Actual					SED02 REV. B	
002186	Phenol	ug/kg	Total	Actual					FISH01 REV. C	
002187	Sulfide	ug/kg	Total	Actual						
002188	Tetrachloroethane	ug/kg	Total	Actual						
002189	Toluene	ug/kg	Total	Actual						
00219	Copper	mg/kg	Total	Actual					1638	LPROC001
002190	Toxaphene	ug/kg	Total	Actual						
002191	Trichloroethane	ug/kg	Total	Actual						
002192	Vinyl chloride	ug/kg	Total	Actual						
002193	Solids, Volatile	mg/kg	Total	Actual					FISH01 REV. C	
002194	bis(2-ethylhexyl) phthalate (DEHP)	ug/kg	Total	Actual					FISH01 REV. C	
002195	1,3-Dichlorobenzene	ug/kg	Total	Actual					SEDIMENT CHEM	
002196	Nitrosodimethylamine, n-	ug/kg	Total	Actual					FISH01 REV. C	
002197	n-Nitrosodiphenylamine	ug/kg	Total	Actual						
002198	n-Nitrosodipropylamine	ug/kg	Total	Actual					FISH01 REV. C	
002199	nitro-Benzene	ug/kg	Total	Actual					FISH01 REV. C	
0022	Biphenyl	mg/kg	Total	Actual					SED02 REV. B	

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00220	Iron	mg/kg	Total	Actual					200.8 REV. B	
002200	trans-1,2-Dichloroethylene	ug/kg	Total	Actual					SEDIMENT CHEM	
002201	trans-1,3-Dichloropropene	ug/kg	Total	Actual					SEDIMENT CHEM	
002202	Nonachlor, trans-	ug/kg	Total	Actual					FISH01 REV. C	
002203	1-Phenyldodecane	mg/kg	Total	Actual					SED02 REV. B	
002204	1-Phenylnonane	mg/kg	Total	Actual					SED02 REV. B	
002205	1-Phenylpentadecane	mg/kg	Total	Actual					SED02 REV. B	
002206	2-Phenyldecane	mg/kg	Total	Actual					SED02 REV. B	
002207	2-Phenyldodecane	mg/kg	Total	Actual					SED02 REV. B	
002208	2-Phenyltetradecane	mg/kg	Total	Actual					SED02 REV. B	
002209	2-Phenyltridecane	mg/kg	Total	Actual					SED02 REV. B	
00221	Lead	mg/kg	Total	Actual					200.8 REV. B	
002210	2-Phenylundecane	mg/kg	Total	Actual					SED02 REV. B	
002211	3-Phenyldecane	mg/kg	Total	Actual					SED02 REV. B	
002212	3-Phenyldodecane	mg/kg	Total	Actual					SED02 REV. B	
002213	3-Phenyltetradecane	mg/kg	Total	Actual					SED02 REV. B	
002214	3-Phenyltridecane	mg/kg	Total	Actual					SED02 REV. B	
002215	3-Phenylundecane	mg/kg	Total	Actual					SED02 REV. B	
002216	4-Phenyldecane	mg/kg	Total	Actual					SED02 REV. B	
002217	4-Phenyldodecane	mg/kg	Total	Actual					SED02 REV. B	
002218	4-Phenyltetradecane	mg/kg	Total	Actual					SED02 REV. B	
002219	4-Phenyltridecane	mg/kg	Total	Actual					SED02 REV. B	
00222	Manganese	mg/kg	Total	Actual					200.8 REV. B	
002220	4-Phenylundecane	mg/kg	Total	Actual					SED02 REV. B	
002221	5-Phenyldecane	mg/kg	Total	Actual					SED02 REV. B	
002222	5-Phenyldodecane	mg/kg	Total	Actual					SED02 REV. B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
002223	5-Phenyltetradecane	mg/kg	Total	Actual					SED02 REV. B	
002224	5-Phenyltridecane	mg/kg	Total	Actual					SED02 REV. B	
002225	5-Phenylundecane	mg/kg	Total	Actual					SED02 REV. B	
002226	6-Phenylododecane	mg/kg	Total	Actual					SED02 REV. B	
002227	6-Phenyltetradecane	mg/kg	Total	Actual					SED02 REV. B	
002228	6-Phenylundecane	mg/kg	Total	Actual					SED02 REV. B	
002229	7-Phenyltetradecane	mg/kg	Total	Actual					SED02 REV. B	
00223	Mercury	mg/kg	Total	Actual					245.1A	
002230	7-Phenyltetradecane + 6-Phenyltridecane mix	mg/kg	Total	Actual					SED02 REV. B	
002231	Carbon, Total Organic (Toc)	%	Total	Actual					SEDIMENT CHEM	
00224	Nickel	mg/kg	Total	Actual					200.8 REV. B	
00225	Selenium	mg/kg	Total	Actual					200.8 REV. B	
00226	Silver	mg/kg	Total	Actual					200.8 REV. B	
00227	Thallium	mg/kg	Total	Actual					200.8 REV. B	
00228	Tin	mg/kg	Total	Actual					200.8 REV. B	
00229	Zinc	mg/kg	Total	Actual						
0023	Dieldrin	ug/kg	Total	Actual					FISH01 REV. C	
00230	Chrysenes C1-C4	ug/kg	Total	Actual					SED02 REV. B	
00231	Heptachlor epoxide	ug/kg	Total	Actual						
00232	Aldrin	ug/kg	Total	Actual					SEDIMENT CHEM	
00234	Pcb-183	ug/kg	Total	Actual					FISH01 REV. C	
00235	Pcb-194	ug/kg	Total	Actual					FISH01 REV. C	
00237	Pcb-201	ug/kg	Total	Actual					FISH01 REV. C	
00238	Pcb-206	ug/kg	Total	Actual					FISH01 REV. C	
00239	Pcb-209	ug/kg	Total	Actual					FISH01 REV. C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
0024	Endrin	ug/kg	Total	Actual					FISH01 REV. C	
00241	PCB-018	ug/kg	Total	Actual					FISH01 REV. C	
00244	PCB-044	ug/kg	Total	Actual					FISH01 REV. C	
00245	PCB-049	ug/kg	Total	Actual					FISH01 REV. C	
00246	PCB-052	ug/kg	Total	Actual					FISH01 REV. C	
00249	PCB-074	ug/kg	Total	Actual					FISH01 REV. C	
0025	Fluoranthenes, C1-C4	ug/kg	Total	Actual					SED02 REV. B	
00251	PCB-087	ug/kg	Total	Actual					FISH01 REV. C	
00252	PCB-099	ug/kg	Total	Actual					FISH01 REV. C	
00253	Pcb-101	ug/kg	Total	Actual					FISH01 REV. C	
00254	Pcb-105	ug/kg	Total	Actual					FISH01 REV. C	
00255	Pcb-118	ug/kg	Total	Actual					FISH01 REV. C	
00256	Pcb-126	ug/kg	Total	Actual					FISH01 REV. C	
00257	Pcb-128	ug/kg	Total	Actual					FISH01 REV. C	
00258	Pcb-138	ug/kg	Total	Actual						
00259	Pcb-149	ug/kg	Total	Actual					FISH01 REV. C	
0026	Fluorenes, C1-C3	ug/kg	Total	Actual					SED02 REV. B	
00260	Pcb-151	ug/kg	Total	Actual					FISH01 REV. C	
00262	Pcb-156	ug/kg	Total	Actual					FISH01 REV. C	
00263	Pcb-158	ug/kg	Total	Actual					FISH01 REV. C	
00264	Pcb-167	ug/kg	Total	Actual					FISH01 REV. C	
00265	Pcb-169	ug/kg	Total	Actual					FISH01 REV. C	
00267	Pcb-177	ug/kg	Total	Actual					FISH01 REV. C	
00268	Pcb-180	ug/kg	Total	Actual					FISH01 REV. C	
00269	Acenaphthene	ug/kg	Total	Actual					SEDIMENT CHEM	
0027	Heptachlor	ug/kg	Total	Actual					FISH01 REV. C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00270	Acenaphthylene	ug/kg	Total	Actual					SED02 REV. B	
00271	Benzo[a]pyrene	ug/kg	Total	Actual						
00272	2,3,6-Trichlorophlorophenol	ug/kg	Total	Actual					FISH01 REV. C	
00273	2-Chloroethyl vinyl ether	ug/kg	Total	Actual					FISH01 REV. C	
00274	4,6-Dichloro-2-methylphenol	ug/kg	Total	Actual						
00275	4-Chloro-3-methylphenol	ug/kg	Total	Actual						
00276	Acid Volatile Sulfides (AVS)	ug/kg	Total	Actual					FISH01 REV. C	
00277	Acrolein	ug/kg	Total	Actual					SEDIMENT CHEM	
00278	Acrylonitrile	ug/kg	Total	Actual					SEDIMENT CHEM	
00279	Benzene	ug/kg	Total	Actual						
0028	Mirex	ug/kg	Total	Actual						
00280	Benzydine	ug/kg	Total	Actual						
00281	Benzo(e)pyrene	ug/kg	Total	Actual					SED02 REV. B	
00282	Benzo[a]anthracene	ug/kg	Total	Actual						
00283	Benzo[b]fluoranthene	ug/kg	Total	Actual					SED02 REV. B	
00284	Benzo[g,h,i]perylene	ug/kg	Total	Actual					SED02 REV. B	
00285	Benzo[k]fluoranthene	ug/kg	Total	Actual					SED02 REV. B	
00286	Biphenyl	ug/kg	Total	Actual					SEDIMENT CHEM	
00287	bis(n-octyl) Phthalate	ug/kg	Total	Actual					FISH01 REV. C	
00288	Bis(2-chloroisopropyl) ether	ug/kg	Total	Actual					SEDIMENT CHEM	
00289	Bromoform	ug/kg	Total	Actual						
0029	Naphthalene	ug/kg	Total	Actual					SED02 REV. B	
00290	Bromophenyl-4 phenyl ether	ug/kg	Total	Actual					SEDIMENT CHEM	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00291	Butyl benzyl phthalate	ug/kg	Total	Actual					FISH01 REV. C	
00292	Carbazole	ug/kg	Total	Actual						
00293	Carbon tetrachloride	ug/kg	Total	Actual					FISH01 REV. C	
00294	Chlordane	ug/kg	Total	Actual					FISH01 REV. C	
00295	Chlorobenzene	ug/kg	Total	Actual						
00296	Chloroform	ug/kg	Total	Actual						
00297	Chloronaphthalene-2	ug/kg	Total	Actual					SEDIMENT CHEM	
00298	Dibenzo[a,h]anthracene	ug/kg	Total	Actual						
00299	Trichloroethane, 1,1,1-	ug/kg	Total	Actual					FISH01 REV. C	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	Water Quality	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
0031	Depth	m		Actual						
00310	Dissolved oxygen saturation	mg/l		Actual						
00311	Ammonia uptake	mg/l		Actual					WQ	
00312	Fecal Coliform	MPN		Actual					BACTERIA	
00313	Enterococcus Group Bacteria	MPN		Actual						
00314	Chlorophyll a (probe)	ug/l		Actual						
00315	Escherichia coli	MPN		Actual						
00316	Total Coliform	MPN		Actual					TOTAL COLIFORM	
00317	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					WQ	
00318	Oil and Grease	g/ml	Total	Actual					WQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00319	Solids, Total Suspended (TSS)	g/ml		Actual					160.2_M	
0032	Temperature, water	deg C		Actual						
00320	Light attenuation coefficient	None		Actual					WQ	
00321	UV Absorption, relative conc. of organic constituents	ug/l		Actual					WQ	
0033	Specific conductance	mho/cm		Actual						
0034	pH	None		Actual					150.1	
0035	Dissolved oxygen (DO)	mg/l		Actual						
0036	Light Transmissivity	%		Actual					WQ	
0037	Salinity	ppt		Actual						
0038	Density	kg/m3		Actual					WQ	
0039	Light Photosynthetic Active Radiation At Depth (PAR)	uE/m2/sec		Actual					PAR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	Sediment Grain Size	Field Msr/Obs	Sediment				Y

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-005	Trawls	Sample	Water	Individual	Fish/Nekton	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
0051	Agonopsis sterletus	count		Actual						
00510	Caulolatilus princeps	count		Actual						
005100	Sebastes flavidus	count		Actual						
005101	Sebastes goodei	count		Actual						
005102	Sebastes hopkinsi	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
005103	Sebastes jordani	count		Actual						
005104	Sebastes levis	count		Actual						
005105	Sebastes macdonaldi	count		Actual						
005106	Sebastes miniatus	count		Actual						
005107	Sebastes mystinus	count		Actual						
005108	Sebastes paucispinis	count		Actual						
005109	Sebastes pinniger	count		Actual						
00511	Cephaloscyllium ventriosum	count		Actual						
005110	Sebastes rastrelliger	count		Actual						
005111	Sebastes rosaceus	count		Actual						
005112	Sebastes rosenblatti	count		Actual						
005113	Sebastes rubrivinctus	count		Actual						
005114	Sebastes saxicola	count		Actual						
005115	Sebastes semicinctus	count		Actual						
005116	Sebastes serranoides	count		Actual						
005117	Sebastes serriceps	count		Actual						
005118	Sebastes umbrosus	count		Actual						
005119	Sebastolobus alascanus	count		Actual						
00512	Cheilotrema saturnum	count		Actual						
005120	Seriphus politus	count		Actual						
005121	Squalus acanthias	count		Actual						
005122	Stelleroidea	count		Actual						
005123	Stereolepis gigas	count		Actual						
005124	Stylasterias forreri	count		Actual						
005125	Symphurus atricauda	count		Actual						
005126	Syngnathus	count		Actual						
005127	Syngnathus californiensis	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
005128	Syngnathus exilis	count		Actual						
005129	Syngnathus leptorhynchus	count		Actual						
00513	Chilara taylori	count		Actual						
005130	Synodus lucioiceps	count		Actual						
005131	Torpedo californica	count		Actual						
005132	Trachurus symmetricus	count		Actual						
005133	Urolophus halleri	count		Actual						
005134	Xeneretmus latifrons	count		Actual						
005135	Xeneretmus triacanthus	count		Actual						
005136	Xystreureys liolepis	count		Actual						
005137	Zalembeius rosaceus	count		Actual						
005138	Zaniolepis frenata	count		Actual						
005139	Zaniolepis latipinnis	count		Actual						
00514	Chitonotus pugetensis	count		Actual						
005140	Errex zachirus	count		Actual						
005141	Pleuronectes vetulus	count		Actual						
00515	Chordata	count		Actual						
00516	Chromis punctipinnis	count		Actual						
00517	Citharichthys	count		Actual						
00518	Citharichthys fragilis	count		Actual						
00519	Citharichthys sordidus	count		Actual						
0052	Amphistichus argenteus	count		Actual						
00520	Citharichthys stigmaeus	count		Actual						
00521	Citharichthys xanthostigma	count		Actual						
00522	Coryphopterus nicholsi	count		Actual						
00523	Cottidae	count		Actual						
00524	Cymatogaster aggregata	count		Actual						

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00525	Embiotoca jacksoni	count		Actual						
00526	Engraulis mordax	count		Actual						
00527	Eopsetta jordani	count		Actual						
00528	Eptatretus deani	count		Actual						
00529	Eptatretus stouti	count		Actual						
0053	Anarrhichthys ocellatus	count		Actual						
00530	Etrumeus teres	count		Actual						
00531	Genyonemus lineatus	count		Actual						
00532	Gobiidae	count		Actual						
00533	Hippoglossina stomata	count		Actual						
00534	Hydrolagus colliei	count		Actual						
00535	Hyperprosopon argenteum	count		Actual						
00536	Hypsopsetta guttulata	count		Actual						
00537	Icelinus cavifrons	count		Actual						
00538	Icelinus quadriseriatus	count		Actual						
00539	Icelinus tenuis	count		Actual						
0054	Anchoa compressa	count		Actual						
00540	Icichthys lockingtoni	count		Actual						
00541	Kathetostoma averruncus	count		Actual						
00542	Lepidogobius lepidus	count		Actual						
00543	Leptocottus armatus	count		Actual						
00544	Lycodopsis pacifica	count		Actual						
00545	Lyconema barbatum	count		Actual						
00546	Medialuna californiensis	count		Actual						
00547	Menticirrhus undulatus	count		Actual						
00548	Merluccius productus	count		Actual						
00549	Microstomus pacificus	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
0055	Anoplopoma fimbria	count		Actual						
00550	Mustelus henlei	count		Actual						
00551	Myliobatis californica	count		Actual						
00552	Neoclinus blanchardi	count		Actual						
00553	Neocrangon zacaе	count		Actual						
00554	Odontopyxis trispinosa	count		Actual						
00555	Ophichthus zophochir	count		Actual						
00556	Ophidion scrippsae	count		Actual						
00557	Ophiodon elongatus	count		Actual						
00558	Oxylebius pictus	count		Actual						
00559	Paralabrax clathratus	count		Actual						
0056	Argentina sialis	count		Actual						
00560	Paralabrax maculatofasciatus	count		Actual						
00561	Paralabrax nebulifer	count		Actual						
00562	Paralichthys californicus	count		Actual						
00563	Peprilus simillimus	count		Actual						
00564	Phanerodon atripes	count		Actual						
00565	Phanerodon furcatus	count		Actual						
00566	Physiculus rastrelliger	count		Actual						
00567	Platyrhinoidis triseriata	count		Actual						
00568	Plectobranchnus evides	count		Actual						
00569	Pleuronichthys coenosus	count		Actual						
0057	Arteidius notospilotus	count		Actual						
00570	Pleuronichthys decurrens	count		Actual						
00571	Pleuronichthys	count		Actual						
00572	Pleuronichthys ritteri	count		Actual						
00573	Pleuronichthys verticalis	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00574	Porichthys myriaster	count		Actual						
00575	Porichthys notatus	count		Actual						
00576	Poroclinus rothroeki	count		Actual						
00577	Radulinus asprellus	count		Actual						
00578	Raja binoculata	count		Actual						
00579	Raja inornata	count		Actual						
0058	Atherinopsis californiensis	count		Actual						
00580	Rathbunella	count		Actual						
00581	Rathbunella alleni	count		Actual						
00582	Rathbunella hypoplecta	count		Actual						
00583	Rhacochilus toxotes	count		Actual						
00584	Rhacochilus vacca	count		Actual						
00585	Rhinobatos productus	count		Actual						
00586	Sarda chiliensis	count		Actual						
00587	Sardinops sagax	count		Actual						
00588	Scomber japonicus	count		Actual						
00589	Scorpaena guttata	count		Actual						
0059	Bathymasteridae	count		Actual						
00590	Scorpaenichthys marmoratus	count		Actual						
00591	Sebastes	count		Actual						
00592	Sebastes auriculatus	count		Actual						
00593	Sebastes caurinus	count		Actual						
00594	Sebastes chlorostictus	count		Actual						
00595	Sebastes crameri	count		Actual						
00596	Sebastes dalli	count		Actual						
00597	Sebastes diploproa	count		Actual						
00598	Sebastes elongatus	count		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00599	Sebastes eos	count		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-006	Bioaccumulation	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
0061	2,3,6-Trichlorophlorophenol	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00610	Aldrin	ug/kg	Total	Actual		Wet			SED01 REV. A	
006100	Tetrachloroethane, 1,1,2,2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006101	Trichloroethane, 1,1,2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006102	Methylnaphthalene, 1-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006103	Methylphenanthrene, 1-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006104	Trichlorophenol, 2,4,5-	ug/kg		Actual		Wet			SEDIMENT CHEM	
006105	2,4,6-Trichlorophenol (TCPh)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006106	p-Nitrophenol	ug/kg		Actual		Wet			SEDIMENT CHEM	
006107	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006108	Iron	mg/kg	Total	Actual		Wet			FISH01 REV. C	
006109	Isophorone	ug/kg		Actual		Wet				
00611	Aluminum	mg/kg	Total	Actual		Wet			200.8 REV. B	
006110	Lead	mg/kg	Total	Actual		Wet			FISH01 REV. C	
006111	Manganese	mg/kg	Total	Actual		Wet			200.8 REV. B	
006112	Mercury	mg/kg	Total	Actual		Wet			FISH01 REV. C	
006113	Methyl bromide	ug/kg		Actual		Wet				
006114	Methyl chloride	ug/kg		Actual		Wet				

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006115	Mirex	ug/kg		Actual		Wet				
006116	Naphthalene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006117	Naphthalenes, C1-C4	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006118	Nickel	mg/kg	Total	Actual		Wet			FISH01 REV. C	
006119	Nitrophenols (mixed isomers)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00612	Anthracene	ug/kg	Total	Actual		Wet			SED02 REV. B	
006120	Oil and Grease	mg/kg	Total	Actual		Wet			1652	
006121	Pcb-101	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006122	Pcb-105	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006123	Pcb-110	ug/kg	Total	Actual		Wet				
006124	Pcb-118	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006125	Pcb-119	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006126	Pcb-126	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006127	Pcb-128	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006128	Pcb-138	ug/kg	Total	Actual						
006129	Pcb-149	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00613	Antimony	mg/kg	Total	Actual		Wet			200.8 REV. B	
006130	Pcb-151	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006131	Pcb-153	ug/kg	Total	Actual		Wet				
006132	Pcb-158	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006133	Pcb-167	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006134	Pcb-169	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006135	Pcb-170	ug/kg	Total	Actual		Wet				
006136	Pcb-177	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006137	PCB-018	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006138	Pcb-180	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006139	Pcb-183	ug/kg	Total	Actual		Wet			FISH01 REV. C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00614	Arsenic	mg/kg	Total	Actual		Wet			200.8 REV. B	
006140	Pcb-187	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006141	Pcb-189	ug/kg	Total	Actual					FISH01 REV. C	
006142	Pcb-194	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006143	Pcb-195	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006144	Pcb-201	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006145	Pcb-206	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006146	Pcb-209	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006147	PCB-028	ug/kg	Total	Actual		Wet				
006148	PCB-042	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006149	PCB-044	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00615	Benzene	ug/kg		Actual		Wet			SEDIMENT CHEM	
006150	PCB-049	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006151	PCB-052	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006152	PCB-066	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006153	PCB-070	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006154	PCB-074	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006155	PCB- 077	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006156	PCB-008	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006157	PCB-081	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006158	PCB-087	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006159	PCB-099	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00616	Benzidine	ug/kg		Actual		Wet			SEDIMENT CHEM	
006160	Pcb-aroclor 1016	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006161	Pcb-aroclor 1221	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006162	Pcb-aroclor 1232	ug/kg	Total	Actual		Wet			FISH01 REV. C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006163	Pcb-aroclor 1242	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006164	Pcb-aroclor 1248	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006165	Pcb-aroclor 1254	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006166	Pcb-aroclor 1260	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006167	Pentachloronaphthalene	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006168	Perylene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006169	Phenanthrenes, C1-C4	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00617	Benzo[a]pyrene	ug/kg		Actual		Wet			SEDIMENT CHEM	
006170	Phenanthrene + Anthracene (C1-C4) Mix, unspecified	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006171	Phenol	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006172	Pyrene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006173	Selenium	mg/kg	Total	Actual		Wet			FISH01 REV. C	
006174	Silver	mg/kg	Total	Actual		Wet			FISH01 REV. C	
006175	Sulfide	mg/kg		Actual		Wet				
006176	Tetrachloroethane	ug/kg		Actual		Wet			SEDIMENT CHEM	
006177	Thallium	mg/kg	Total	Actual		Wet			200.8 REV. B	
006178	Tin	mg/kg	Total	Actual		Wet			200.8 REV. B	
006179	Toluene	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00618	Benzo(e)pyrene	ug/kg	Total	Actual		Wet			SED02 REV. B	
006180	Toxaphene	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006181	Trichloroethane	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006182	Trimethyl benzene	ug/kg	Total	Actual		Wet			TOTAL	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
									COLIFORM	
006183	Vinyl chloride	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006184	Solids, Volatile	mg/kg		Actual		Wet			FISH01 REV. C	
006185	Zinc	mg/kg		Actual		Wet			SEDIMENT CHEM	
006186	Nitrosodimethylamine, n-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006187	n-Nitrosodiphenylamine	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006188	n-Nitrosodipropylamine	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006189	nitro-Benzene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00619	Benzo[a]anthracene	ug/kg		Actual		Wet			SEDIMENT CHEM	
006190	Nonachlor, trans-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006191	BHC-alpha	ug/kg	Total	Actual					FISH01 REV. C	
006192	BHC-beta	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006193	BHC-delta	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006194	BHC-gamma (Lindane)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006195	Methoxychlor	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006196	Pcb-156	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006197	Pcb-157	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006198	Nonachlor, cis-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006199	Chlordane, gamma	ug/kg	Total	Actual		Wet			FISH01 REV. C	
0062	2-Chloroethyl vinyl ether	ug/kg	Total	Actual		Wet			SED01 REV. A	
00620	Benzo[b]fluoranthene	ug/kg	Total	Actual		Wet			SED02 REV. B	
006201	Chlordane, cis	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006202	Acetone	ug/kg	Total	Actual		Wet			SED01 REV. A	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006203	Hexanone, 2-	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006204	Styrene	ug/kg		Actual		Wet			SEDIMENT CHEM	
006205	Vinyl acetate	ug/kg		Actual		Wet			SEDIMENT CHEM	
006206	Lipids (unspecified mix)	%		Actual		Wet			FISH01 REV. C	
006207	Methyl isobutyl ketone	ug/kg		Actual		Wet			FISH01 REV. C	
006208	Xylenes mix of m + o + p	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006209	Chloroethane	ug/kg		Actual		Wet			SEDIMENT CHEM	
00621	Benzo[g,h,i]perylene	ug/kg	Total	Actual		Wet			SED02 REV. B	
006210	Carbon disulfide	ug/kg		Actual		Wet			SEDIMENT CHEM	
006213	Methyl ethyl ketone	ug/kg		Actual		Wet			SED01 REV. A	
006214	trans-1,2-Dichloroethylene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006215	Bromochloroiodo-methane	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006216	Weight	%		Actual		Dry				
006217	Weight	g		Actual		Wet				
006218	Hexachlorocyclohexane	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006219	BHC-alpha	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00622	Benzo[k]fluoranthene	ug/kg	Total	Actual		Wet			SED02 REV. B	
006220	BHC-beta	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006221	BHC-delta	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006222	BHC-gamma (Lindane)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006223	Trichlorobenzene	ug/kg		Actual		Wet			SEDIMENT CHEM	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006224	Methylnaphthalene, 2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006225	Cresol, o-	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006226	Nitroaniline, 2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006227	Nitrophenol, 2-	ug/kg	Total	Actual					FISH01 REV. C	
006228	2,4-Dichlorophenol	ug/kg		Actual		Wet			SEDIMENT CHEM	
006229	Pentachlorobenzene	ug/kg		Actual		Wet			SEDIMENT CHEM	
00623	Beryllium	mg/kg	Total	Actual		Wet			200.8 REV. B	
006230	Pentachlorophenol (PCP)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006231	1,4-Dichlorobenzene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006232	Cresol	ug/kg		Actual					SEDIMENT CHEM	
006233	p-Nitroaniline	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006234	Dinitro-o-cresol	ug/kg		Actual		Wet			SEDIMENT CHEM	
006235	bis(2-chloroethoxy) methane	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006236	Benzoic acid	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006237	Benzyl alcohol	ug/kg		Actual		Wet			SEDIMENT CHEM	
006238	Chloroaniline, 4-	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006239	nitro-Benzene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00624	Biphenyl	ug/kg	Total	Actual		Wet			SED01 REV. A	
006240	n-octyl n-decyl phthalate	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006241	Dichloropropene, 1,3-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006242	Pcb-200	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006243	PCB-037	ug/kg	Total	Actual		Wet			FISH01 REV. C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006244	Pcb-168	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006245	Pcb-114	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006246	Pcb-123	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006247	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006248	1,1-Dichloroethylene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006249	Carbon, Total Organic (Toc)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00625	bis(n-octyl) Phthalate	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006250	Acid Volatile Sulfides (AVS)	mg/kg	Total	Actual		Wet			FISH01 REV. C	
006251	Dimethylnaphthalene, 2,6-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006252	Trimethylnaphthalene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006253	Fluorobiphenyl, 2-	ug/kg	Total	Actual					SED01 REV. A	
006254	Nonachlor, trans-	ug/kg	Total	Actual					SED02 REV. B	
006255	Pcb-153/168	ug/kg	Total	Actual					SED02 REV. B	
006256	Molybdenum	mg/kg	Total	Actual					200.8 REV. B	
006257	Hexanone, 2-	ug/kg	Total	Actual					SEDIMENT CHEM	
006258	Nitroaniline, 2-	ug/kg	Total	Actual					SED01 REV. A	
006259	p-Nitroaniline	ug/kg	Total	Actual					SED01 REV. A	
00626	Bis(2-chloroisopropyl) ether	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006260	Chloroaniline, 4-	ug/kg	Total	Actual					SEDIMENT CHEM	
006261	Aniline	ug/kg	Total	Actual					SED01 REV. A	
006262	Cresol, p-	ug/kg	Total	Actual					SEDIMENT CHEM	
006263	Dodecane	ng/g	Total	Actual					LABS	
006264	Tridecane	ng/g	Total	Actual					LABS	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006265	1-Phenyldecane	ng/g	Total	Actual					LABS	
006266	1-Phenyldodecane	ng/g	Total	Actual					LABS	
006267	1-Phenylpentadecane	ng/g	Total	Actual					LABS	
006268	2-Phenyldecane	ng/g	Total	Actual					LABS	
006269	2-Phenyltetradecane	ng/g	Total	Actual					LABS	
00627	Bromoform	ug/kg		Actual		Wet			SEDIMENT CHEM	
006270	2-Phenyltridecane	ng/g	Total	Actual					LABS	
006271	2-Phenylundecane	ng/g	Total	Actual					LABS	
006272	5,6-Dibutyl-5,6-bis(4-tert-butylphenyl)decane	ng/g	Total	Actual					LABS	
006273	3-Phenyldodecane	mg/g	Total	Actual					LABS	
006274	3-Phenylundecane	mg/g	Total	Actual					LABS	
006275	4-Phenyldecane	ng/g	Total	Actual					LABS	
006276	4-Phenyldodecane	ng/g	Total	Actual					LABS	
006277	4-Phenyltetradecane	ng/g	Total	Actual					LABS	
006278	5-Phenyldecane	ng/g	Total	Actual					LABS	
006279	5-Phenyltetradecane	ng/g	Total	Actual					LABS	
00628	Bromophenyl-4 phenyl ether	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
006280	6-Phenyldodecane	ng/l	Total	Actual					LABS	
006281	1-Phenyltetradecane	ng/g	Total	Actual					LABS	
006282	7-Phenyltetradecane	ng/g	Total	Actual					LABS	
006283	7-Phenyltetradecane + 6-Phenyltridecane mix	ng/g	Total	Actual					LABS	
006284	Undecane	ng/g	Total	Actual					LABS	
006285	2-Phenyldodecane	ng/g	Total	Actual					LABS	
006286	1-Phenyldecane	ng/g	Total	Actual					LABS	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006287	3-Phenyltetradecane	ng/g	Total	Actual					LABS	
006288	3-Phenyltridecane	ng/g	Total	Actual					LABS	
006289	4-Phenyltridecane	ng/g	Total	Actual					LABS	
00629	Butyl benzyl phthalate	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006290	4-Phenylundecane	ng/g	Total	Actual					LABS	
006291	5-Phenyldodecane	ng/g	Total	Actual					LABS	
006292	5-Phenyltridecane	ng/g	Total	Actual					LABS	
006293	5-Phenylundecane	ng/g	Total	Actual					LABS	
006294	6-Phenyltetradecane	ng/g	Total	Actual					LABS	
006295	6-Phenylundecane	ng/g	Total	Actual					LABS	
006296	6-Phenyltridecane	ng/g	Total	Actual					LABS	
006297	3-Phenyldecane	ng/g	Total	Actual					LABS	
006298	Substrate - clay	%		Actual					SEDIMENT CHEM	
006299	Substrate - sand, coarse	%		Actual						
0063	4,6-Dichloro-2-methylphenol	ug/kg		Actual		Wet			SED01 REV. A	
00630	Cadmium	mg/kg	Total	Actual		Wet			200.8 REV. B	
006300	Substrate - gravel	%		Actual						
006301	Substrate - sand	%		Actual						
006302	Substrate - sand, fine	%		Actual						
006303	Substrate - silt	%		Actual						
006304	Substrate - grain size	%		Actual					SEDIMENT CHEM	
						Particle Size Basis	PHI -0.5			
006305	Substrate - grain size	%		Actual					SEDIMENT CHEM	
						Particle Size Basis	PHI -1.0			
006306	Substrate - grain size	%		Actual					SEDIMENT CHEM	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006307	Substrate - grain size	%		Actual	Particle Size Basis		PHI 0.0		SEDIMENT CHEM	
006308	Substrate - grain size	%		Actual	Particle Size Basis		PHI 0.5		SEDIMENT CHEM	
006309	Substrate - grain size	%		Actual	Particle Size Basis		PHI 1.0		SEDIMENT CHEM	
00631	Carbazole	ug/kg		Actual	Particle Size Basis	Wet	PHI 1.5		SEDIMENT CHEM	
006310	Substrate - grain size	%		Actual	Particle Size Basis		PHI 2.0		SEDIMENT CHEM	
006311	Substrate - grain size	%		Actual	Particle Size Basis		PHI 2.5		SEDIMENT CHEM	
006312	Substrate - grain size	%		Actual	Particle Size Basis		PHI 3.0		SEDIMENT CHEM	
006313	Substrate - grain size	%		Actual	Particle Size Basis		PHI 3.5		SEDIMENT CHEM	
006314	Substrate - grain size	%		Actual	Particle Size Basis		PHI 4.0		SEDIMENT CHEM	
006315	Substrate - grain size	%		Actual	Particle Size Basis		PHI 5.0		SEDIMENT CHEM	
006316	Substrate - grain size	%		Actual	Particle Size Basis		PHI 6.0		SEDIMENT CHEM	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006317	Substrate - grain size	%		Actual					SEDIMENT CHEM	
					Particle Size Basis		PHI 7.0			
006318	Substrate - grain size	%		Actual					SEDIMENT CHEM	
					Particle Size Basis		PHI 8.0			
006319	Substrate - grain size	%		Actual					SEDIMENT CHEM	
					Particle Size Basis		PHI 9.0			
00632	Carbon tetrachloride	ug/kg	Total	Actual		Wet			FISH01 REV. C	
006320	Substrate - grain size	%		Actual					SEDIMENT CHEM	
					Particle Size Basis		PHI >9.0			
006321	Weight	g		Actual						
					Particle Size Basis		T			
006322	Substrate - grain size	None		Calculated					SEDIMENT CHEM	
					Particle Size Basis		DISPERSION			
006323	Substrate - grain size	None		Calculated					SEDIMENT CHEM	
					Particle Size Basis		SKEWNESS			
006324	Substrate - grain size	None		Actual					SEDIMENT CHEM	
					Particle Size Basis		PHI <9.0			
00633	Chlordane	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00634	Chlorobenzene	ug/kg		Actual		Wet			SEDIMENT CHEM	
00635	Chloroform	ug/kg		Actual		Wet			SEDIMENT CHEM	
00636	Chloronaphthalene-2	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00637	Chlorophenol-2	ug/kg	Total	Actual		Wet			SEDIMENT	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00638	Chlorophenyl-4 phenyl ether	ug/kg		Actual		Wet			CHEM SEDIMENT CHEM	
00639	Chromium	mg/kg	Total	Actual		Wet			200.8 REV. B	
0064	4-Chloro-3-methylphenol	ug/kg		Actual		Wet			SED01 REV. A	
00640	Chrysenes C1-C4	ug/kg	Total	Actual		Wet			SED02 REV. B	
00642	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/kg		Actual		Wet			FISH01 REV. C	
00643	Copper	mg/kg	Total	Actual		Wet			200.8 REV. B	
00644	Cyanide	ug/kg		Actual		Wet			FISH01 REV. C	
00645	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00646	DDD, 2,4'- ***retired*** (use o,p'- DDD)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00647	DDD, p,p'-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00648	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00649	DDE, 2,4'- ***retired*** (Use o,p'- DDE)	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
0065	Acenaphthene	ug/kg	Total	Actual		Wet			SED01 REV. A	
00650	DDE, p,p'-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00651	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00652	DDT, 2,4'- ***retired*** (use o,p'- DDT)	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00653	DDT, p,p'-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00654	Dibenzo[a,h]anthracene	ug/kg		Actual		Wet			SEDIMENT CHEM	
00655	Dibenzofuran	ug/kg		Actual		Wet			SEDIMENT CHEM	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00656	Dibenzothiophene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00657	Dibenzothiophenes, 1-	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00658	Dibromodichloromethane	ug/kg		Actual		Wet			SEDIMENT CHEM	
00659	Dibutyl phthalate	ug/kg	Total	Actual		Wet			FISH01 REV. C	
0066	Acenaphthylene	ug/kg	Total	Actual		Wet			SED02 REV. B	
00660	Dichlorobenzene ***retired*** (use Dichlorobenzene isomers)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00661	1,3-Dichlorobenzene	ug/kg	Total	Actual		Wet			SED01 REV. A	
00662	Dichlorobenzidine, 3,3'-	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00663	bis(2-chloroethyl) ether	ug/kg		Actual		Wet			SEDIMENT CHEM	
00664	Dichloroethane, 1,1-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00665	Dichloroethane, 1,2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00666	trans-1,2-Dichloroethylene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00667	Dichloromethane	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00668	Dichloropropane, 1,2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00669	Dichloropropane, 1,3-	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
0067	Acid Volatile Sulfides (AVS)	mg/kg	Total	Actual					FISH01 REV. C	
00670	Dichloropropene, 1,2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00671	trans-1,3-Dichloropropene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00672	Dieldrin	ug/kg		Actual		Wet			SEDIMENT CHEM	
00673	Diethyl phthalate	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00674	Dimethyl phthalate	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00675	Dimethylnaphthalene, 2,6-	ug/kg	Total	Actual		Wet			FISH01 REV. C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00676	2,4-Dimethylphenol	ug/kg		Actual		Wet			SED01 REV. A	
00677	Dinitrophenol, 2,4-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00678	2,4-Dinitrotoluene	ug/kg		Actual		Wet			SEDIMENT CHEM	
00679	2,6-Dinitrotoluene	ug/kg		Actual		Wet			SEDIMENT CHEM	
0068	Acrolein	ug/kg	Total	Actual		Wet			SED01 REV. A	
00680	Diphenylhydrazine, 1,2-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00681	bis(2-ethylhexyl) phthalate (DEHP)	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00682	Endosulfan, alpha-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00683	Endosulfan, beta-	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00684	Endosulfan Sulfate	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00685	Endrin	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00686	Endrin Aldehyde	ug/kg		Actual		Wet			SEDIMENT CHEM	
00687	Ethylbenzene	ug/kg		Actual		Wet			SEDIMENT CHEM	
00688	Ethylene chlorohydrin	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00689	Fluoranthenes, C1-C4	ug/kg	Total	Actual		Wet			FISH01 REV. C	
0069	Acrylonitrile	ug/kg	Total	Actual		Wet			SED01 REV. A	
00690	Fluoranthenes + Pyrenes Mix, unspecified	ng/g	Total	Actual		Wet			FISH01 REV. C	
00691	Fluorenes, C1-C3	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00692	Heptachlor	ug/kg		Actual		Wet			SEDIMENT CHEM	
00693	Heptachlor epoxide	ug/kg		Actual		Wet			SEDIMENT CHEM	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00694	Hexachlorobenzene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00695	Hexachlorobutadiene	ug/kg	Total	Actual		Wet			FISH01 REV. C	
00696	Hexachlorocyclohexane (mixture)	ug/kg	Total	Actual		Wet			SEDIMENT CHEM	
00697	Hexachlorocyclopentadiene	ug/kg		Actual		Wet			SEDIMENT CHEM	
00698	Hexachloroethane	ug/kg		Actual		Wet			SEDIMENT CHEM	
00699	Trichloroethane, 1,1,1-	ug/kg	Total	Actual		Wet			FISH01 REV. C	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-007	Benthic Infauna	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1	Acanthodoris rhodoceras		count	Actual				
10	Aglaophamus		count	Actual				
100	Boccardia		count	Actual				
101	Boccardia basilaria		count	Actual				
102	Boccardia pugettensis		count	Actual				
103	Boccardiella		count	Actual				
104	Bougainvillia		count	Actual				
105	Brada pluribranchiata		count	Actual				
106	Brada villosa		count	Actual				
107	Brisaster latifrons		count	Actual				
108	Brissopsis pacifica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
109	Bryozoa		count	Actual				
11	Aglaophamus verrilli		count	Actual				
110	Bugula		count	Actual				
111	Bugula neritina		count	Actual				
112	Byblis millsi		count	Actual				
113	Byblis veleronis		count	Actual				
114	Calanoida		count	Actual				
115	Calinaticina oldroydii		count	Actual				
116	Calliostoma turbinum		count	Actual				
117	Calyptraea fastigiata		count	Actual				
118	Campylaspis canaliculata		count	Actual				
119	Campylaspis rubromaculata		count	Actual				
12	Alcyonidium		count	Actual				
120	Capitella capitata		count	Actual				
121	Capitellidae		count	Actual				
122	Caprella californica		count	Actual				
123	Caprella mendax		count	Actual				
124	Caprella natalensis		count	Actual				
125	Carazziella		count	Actual				
126	Carinoma mutabilis		count	Actual				
127	Caulibugula californica		count	Actual				
128	Celleporina		count	Actual				
129	Cerapus tubularis		count	Actual				
13	Alienacanthomysis macropsis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
130	Cerebratulus		count	Actual				
131	Cerebratulus californiensis		count	Actual				
132	Ceriantharia		count	Actual				
133	Chaetodermatidae		count	Actual				
134	Chaetopteridae		count	Actual				
135	Chaetozone		count	Actual				
136	Chaetozone corona		count	Actual				
137	Chaetozone setosa		count	Actual				
138	Chiridota		count	Actual				
139	Chloeia pinnata		count	Actual				
14	Allocentrotus fragilis		count	Actual				
140	Chone		count	Actual				
141	Chone albocincta		count	Actual				
142	Chone minuta		count	Actual				
143	Chone mollis		count	Actual				
144	Chone veleronis		count	Actual				
145	Cirratulidae		count	Actual				
146	Cirratulus		count	Actual				
147	Cirratulus cirratus		count	Actual				
148	Cirriformia		count	Actual				
149	Cirrophorus branchiatus		count	Actual				
15	Alvania rosana		count	Actual				
150	Cladocarpus		count	Actual				
151	Clymenella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
152	Clymenella complanata		count	Actual				
153	Clymenura		count	Actual				
154	Clymenura gracilis		count	Actual				
155	Conopea galeata		count	Actual				
156	Cooperella subdiaphana		count	Actual				
157	Corymorpha		count	Actual				
158	Corynactis californica		count	Actual				
159	Cossura		count	Actual				
16	Amaeana occidentalis		count	Actual				
160	Cossura candida		count	Actual				
161	Crangonidae		count	Actual				
162	Crisia		count	Actual				
163	Cuspidaria parapodema		count	Actual				
164	Cyclocardia		count	Actual				
165	Cyclopoida		count	Actual				
166	Cyclostremella californica		count	Actual				
167	Cylichna diegensis		count	Actual				
168	Decamastus gracilis		count	Actual				
169	Dendronotus		count	Actual				
17	Ampelisca		count	Actual				
170	Deutella californica		count	Actual				
171	Diaphana californica		count	Actual				
172	Diastylis californica		count	Actual				
173	Diastylis pellucida		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
174	Diopatra		count	Actual				
175	Diopatra ornata		count	Actual				
176	Diopatra splendidissima		count	Actual				
177	Diopatra tridentata		count	Actual				
178	Dorvillea		count	Actual				
179	Dorvilleidae		count	Actual				
18	Ampelisca agassizi		count	Actual				
180	Dougalopus amphacantha		count	Actual				
181	Drilonereis		count	Actual				
182	Drilonereis falcata		count	Actual				
183	Drilonereis filum		count	Actual				
184	Drilonereis longa		count	Actual				
185	Echinoida		count	Actual				
186	Echinoidea		count	Actual				
187	Ectoprocta		count	Actual				
188	Edwardsia		count	Actual				
189	Edwardsiidae		count	Actual				
19	Ampelisca brevisimulata		count	Actual				
190	Enopla		count	Actual				
191	Ensis myrae		count	Actual				
192	Enteropneusta		count	Actual				
193	Ephesiella brevicapitis		count	Actual				
194	Epitonium		count	Actual				
195	Epitonium lowei		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
196	Epitonium sawinae		count	Actual				
197	Eptatretus stouti		count	Actual				
198	Erichthonius brasiliensis		count	Actual				
199	Erileptus spinosus		count	Actual				
2	Acila castrensis		count	Actual				
20	Ampelisca careyi		count	Actual				
200	Eteone		count	Actual				
201	Euchone		count	Actual				
202	Euchone arenae		count	Actual				
203	Euchone hancocki		count	Actual				
204	Euchone incolor		count	Actual				
205	Euchone limnicola		count	Actual				
206	Euchone velifera		count	Actual				
207	Euclymene campanula		count	Actual				
208	Eudorella pacifica		count	Actual				
209	Eugyra arenosa		count	Actual				
21	Ampelisca cristata		count	Actual				
210	Eulalia		count	Actual				
211	Eulalia levicornuta		count	Actual				
212	Eunice americana		count	Actual				
213	Eunicidae		count	Actual				
214	Euphilomedes		count	Actual				
215	Euphilomedes carcharodonta		count	Actual				
216	Euphilomedes producta		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
217	Euphysa		count	Actual				
218	Eupolymnia		count	Actual				
219	Eusarsiella		count	Actual				
22	Ampelisca cristata microdentata		count	Actual				
220	Eusyllis		count	Actual				
221	Eusyllis habei		count	Actual				
222	Eusyllis transecta		count	Actual				
223	Exogone		count	Actual				
224	Exogone lourei		count	Actual				
225	Fabricia		count	Actual				
226	Foxiphalus golfensis		count	Actual				
227	Foxiphalus obtusidens		count	Actual				
228	Gammaropsis thompsoni		count	Actual				
229	Gari		count	Actual				
23	Ampelisca hancocki		count	Actual				
230	Gastropoda		count	Actual				
231	Gastropterion pacificum		count	Actual				
232	Glottidia albida		count	Actual				
233	Glycera		count	Actual				
234	Glycera americana		count	Actual				
235	Glycera convoluta		count	Actual				
236	Glycera robusta		count	Actual				
237	Glycinde armigera		count	Actual				
238	Gnathia crenulatifrons		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
239	Goniada brunnea		count	Actual				
24	Ampelisca indentata		count	Actual				
240	Goniada maculata		count	Actual				
241	Gymnonereis crosslandi		count	Actual				
242	Gyptis brunnea		count	Actual				
243	Halcapa decemtentaculata		count	Actual				
244	Halianthella		count	Actual				
245	Halosydna		count	Actual				
246	Halosydna brevisetosa		count	Actual				
247	Hamatoscalpellum californicum		count	Actual				
248	Harmothoe		count	Actual				
249	Harmothoe hirsuta		count	Actual				
25	Ampelisca lobata		count	Actual				
250	Harpacticoida		count	Actual				
251	Harpiniopsis fulgens		count	Actual				
252	Hemichordata		count	Actual				
253	Hemiproto		count	Actual				
254	Hemisquilla ensigera californiensis		count	Actual				
255	Heptacarpus		count	Actual				
256	Heptacarpus stimpsoni		count	Actual				
257	Hesperonoe		count	Actual				
258	Hesperonoe complanata		count	Actual				
259	Heterocrypta occidentalis		count	Actual				
26	Ampelisca milleri		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
260	Heterogorgia tortuosa		count	Actual				
261	Heteromastus filobranchus		count	Actual				
262	Heterophoxus		count	Actual				
263	Heterophoxus oculatus		count	Actual				
264	Heteroserolis carinata		count	Actual				
265	Heterospio catalinensis		count	Actual				
266	Hiatella arctica		count	Actual				
267	Hippolytidae		count	Actual				
268	Hippomedon		count	Actual				
269	Hippomedon columbianus		count	Actual				
27	Ampelisca pacifica		count	Actual				
270	Hippomedon subrobustus		count	Actual				
271	Hippomedon zetesimus		count	Actual				
272	Holothuroidea		count	Actual				
273	Hyalinoecia juvenalis		count	Actual				
274	Hydrozoa		count	Actual				
275	Hyperidae		count	Actual				
276	Insecta		count	Actual				
277	Ischyrocerus		count	Actual				
278	Isocirrus longiceps		count	Actual				
279	Janiralata occidentalis		count	Actual				
28	Ampelisca pugetica		count	Actual				
280	Jasmineira		count	Actual				
281	Jassa slatteryi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
282	Joeropsis concava		count	Actual				
283	Joeropsis dubia		count	Actual				
284	Kellia suborbicularis		count	Actual				
285	Kurtzia arteaga		count	Actual				
286	Kurtziella plumbea		count	Actual				
287	Kylix halocydne		count	Actual				
288	Lanassa		count	Actual				
289	Lanassa venusta venusta		count	Actual				
29	Ampelisca unsocalae		count	Actual				
290	Lanice conchilega		count	Actual				
291	Laonice		count	Actual				
292	Laonice cirrata		count	Actual				
293	Leitoscoloplos pugettensis		count	Actual				
294	Lepidasthenia berkeleyae		count	Actual				
295	Lepidasthenia longicirrata		count	Actual				
296	Leptochelia dubia		count	Actual				
297	Leptognathia		count	Actual				
298	Leptopecten latiauratus		count	Actual				
299	Leptoplanidae		count	Actual				
3	Acteocina culcitella		count	Actual				
30	Ampharete		count	Actual				
300	Leptosynapta		count	Actual				
301	Leucon subnasica		count	Actual				
302	Leuroleberis sharpei		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
303	Levinsenia gracilis		count	Actual				
304	Levinsenia multibranchiata		count	Actual				
305	Levinsenia oculata		count	Actual				
306	Limifossor fratula		count	Actual				
307	Limnactiniidae		count	Actual				
308	Lineidae		count	Actual				
309	Lineus bilineatus		count	Actual				
31	Ampharete acutifrons		count	Actual				
310	Lineus rubescens		count	Actual				
311	Listriella		count	Actual				
312	Listriella diffusa		count	Actual				
313	Listriella eriopisa		count	Actual				
314	Listriella goleta		count	Actual				
315	Listriolobus pelodes		count	Actual				
316	Loimia medusa		count	Actual				
317	Lophopanopeus		count	Actual				
318	Lophopanopeus bellus		count	Actual				
319	Lovenia cordiformis		count	Actual				
32	Ampharete arctica		count	Actual				
320	Lucinoma annulatum		count	Actual				
321	Luidia		count	Actual				
322	Luidia foliolata		count	Actual				
323	Lumbrineridae		count	Actual				
324	Lumbrinereis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
325	Lumbrineris californiensis		count	Actual				
326	Lumbrineris cruzensis		count	Actual				
327	Lumbrineris index		count	Actual				
328	Lumbrineris japonica		count	Actual				
329	Lumbrineris latreilli		count	Actual				
33	Ampharete labrops		count	Actual				
330	Lumbrineris limicola		count	Actual				
331	Lyonsia californica		count	Actual				
332	Lysippe		count	Actual				
333	Lytechinus pictus		count	Actual				
334	Macoma		count	Actual				
335	Macoma yoldiformis		count	Actual				
336	Maera simile		count	Actual				
337	Magelona		count	Actual				
338	Magelona berkeleyi		count	Actual				
339	Majidae		count	Actual				
34	Ampharetidae		count	Actual				
340	Maldane		count	Actual				
341	Maldane sarsi		count	Actual				
342	Maldanidae		count	Actual				
343	Malmgreniella		count	Actual				
344	Malmgreniella baschi		count	Actual				
345	Marphysa		count	Actual				
346	Marphysa disjuncta		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
347	Mayerella banksia		count	Actual				
348	Mediomastus		count	Actual				
349	Megalomma pigmentum		count	Actual				
35	Amphichondrius granulosis		count	Actual				
350	Megasurcula carpenteriana		count	Actual				
351	Meiodorvillea		count	Actual				
352	Melinna		count	Actual				
353	Melinna heterodonta		count	Actual				
354	Melinna oculata		count	Actual				
355	Melphisana bola		count	Actual				
356	Metaphoxus frequens		count	Actual				
357	Metopa dawsoni		count	Actual				
358	Microjassa litotes		count	Actual				
359	Micropodarke dubia		count	Actual				
36	Amphicteis		count	Actual				
360	Microspio pigmentata		count	Actual				
361	Modiolus rectus		count	Actual				
362	Modulus		count	Actual				
363	Molpadia intermedia		count	Actual				
364	Monoculodes emarginatus		count	Actual				
365	Monoculodes latissimanus		count	Actual				
366	Mooreonuphis nebulosa		count	Actual				
367	Munnogonium tillerae		count	Actual				
368	Myriochele		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
369	Myriochele gracilis		count	Actual				
37	Amphicteis scaphobranchiata		count	Actual				
370	Myriochele oculata		count	Actual				
371	Myriochele pygidialis		count	Actual				
372	Mysidacea		count	Actual				
373	Mysidella americana		count	Actual				
374	Myxicola infundibulum		count	Actual				
375	Nassarius		count	Actual				
376	Nassarius perpinguis		count	Actual				
377	Neaeromya rugifera		count	Actual				
378	Neastacilla californica		count	Actual				
379	Nebalia pugettensis		count	Actual				
38	Amphideutopus oculatus		count	Actual				
380	Nematoda		count	Actual				
381	Nemertea		count	Actual				
382	Nemocardium centifilosum		count	Actual				
383	Neocrangon zacaе		count	Actual				
384	Neomysis kadiakensis		count	Actual				
385	Neosimnia		count	Actual				
386	Neotrypaea		count	Actual				
387	Neotrypaea californiensis		count	Actual				
388	Nephasoma		count	Actual				
389	Nephtys		count	Actual				
39	Amphiodia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
390	Nephtys caecoides		count	Actual				
391	Nephtys cornuta		count	Actual				
392	Nephtys ferruginea		count	Actual				
393	Nereididae		count	Actual				
394	Nereiphylla		count	Actual				
395	Nereis procera		count	Actual				
396	Nicippe tumida		count	Actual				
397	Notocirrus californiensis		count	Actual				
398	Notomastus		count	Actual				
399	Notomastus latericeus		count	Actual				
4	Acteon traskii		count	Actual				
40	Amphiodia digitata		count	Actual				
400	Notomastus lineatus		count	Actual				
401	Notomastus magnus		count	Actual				
402	Notomastus tenuis		count	Actual				
403	Notoproctus pacificus		count	Actual				
404	Nuculana		count	Actual				
405	Nuculana conceptionis		count	Actual				
406	Nuculana taphria		count	Actual				
407	Nudibranchia		count	Actual				
408	Obelia		count	Actual				
409	Odostomia		count	Actual				
41	Amphiodia psara		count	Actual				
410	Oedicerotidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
411	Oeonidae		count	Actual				
412	Oenopota		count	Actual				
413	Oerstedtia dorsalis		count	Actual				
414	Oligochaeta		count	Actual				
415	Olivella baetica		count	Actual				
416	Onuphidae		count	Actual				
417	Onuphis		count	Actual				
418	Onuphis iridescens		count	Actual				
419	Opheliidae		count	Actual				
42	Amphiodia urtica		count	Actual				
420	Ophelina acuminata		count	Actual				
421	Ophiodermella		count	Actual				
422	Ophiodermella inermis		count	Actual				
423	Ophiothrix spiculata		count	Actual				
424	Ophiura		count	Actual				
425	Ophiura lutkeni		count	Actual				
426	Ophiuroconis bispinosa		count	Actual				
427	Ophiuroidea		count	Actual				
428	Ophryotrocha		count	Actual				
429	Opisa tridentata		count	Actual				
43	Amphioplus		count	Actual				
430	Oplorhiza gracilis		count	Actual				
431	Orbiniidae		count	Actual				
432	Orchomenella pinguis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
433	Owenia fusiformis		count	Actual				
434	Oxyurostylis pacifica		count	Actual				
435	Pachycerianthus		count	Actual				
436	Pachynus barnardi		count	Actual				
437	Paguristes		count	Actual				
438	Paguristes bakeri		count	Actual				
439	Paguristes turgidus		count	Actual				
44	Amphipholis		count	Actual				
440	Paleonemertea		count	Actual				
441	Pandora		count	Actual				
442	Pandora bilirata		count	Actual				
443	Paracaudina chilensis		count	Actual				
444	Paradoneis		count	Actual				
445	Paradoneis eliasoni		count	Actual				
446	Parametaphoxus quaylei		count	Actual				
447	Paranaitis polynoides		count	Actual				
448	Parandalia fauveli		count	Actual				
449	Paranemertes californica		count	Actual				
45	Amphipholis squamata		count	Actual				
450	Paraprionospio pinnata		count	Actual				
451	Parougia caeca		count	Actual				
452	Parvilucina tenuisculpta		count	Actual				
453	Pectinaria californiensis		count	Actual				
454	Pennatulacea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
455	Pentactinia californica		count	Actual				
456	Pentamera		count	Actual				
457	Pentamera populifera		count	Actual				
458	Pentamera pseudocalcigera		count	Actual				
459	Pentamera pseudopopulifera		count	Actual				
46	Amphiporus		count	Actual				
460	Periploma discus		count	Actual				
461	Petaloproctus		count	Actual				
462	Petaloproctus neoborealis		count	Actual				
463	Phascolion		count	Actual				
464	Pherusa neopapillata		count	Actual				
465	Philine		count	Actual				
466	Pholoe glabra		count	Actual				
467	Phoronida		count	Actual				
468	Photis		count	Actual				
469	Photis bifurcata		count	Actual				
47	Amphissa undata		count	Actual				
470	Photis brevipes		count	Actual				
471	Photis californica		count	Actual				
472	Photis lacia		count	Actual				
473	Photis macrotica		count	Actual				
474	Photis parvidons		count	Actual				
475	Phyllochaetopterus limicolus		count	Actual				
476	Phyllochaetopterus prolifica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
477	Phyllodoce		count	Actual				
478	Phyllodoce cuspidata		count	Actual				
479	Phyllodoce groenlandica		count	Actual				
48	Amphiura		count	Actual				
480	Phyllodoce hartmanae		count	Actual				
481	Phyllodoce longipes		count	Actual				
482	Phyllodoce pettiboneae		count	Actual				
483	Phyllodocidae		count	Actual				
484	Phylo felix		count	Actual				
485	Pilargis		count	Actual				
486	Pinnixa		count	Actual				
487	Pinnixa franciscana		count	Actual				
488	Pinnixa hiatus		count	Actual				
489	Pinnixa longipes		count	Actual				
49	Amphiura acrystata		count	Actual				
490	Pinnixa occidentalis		count	Actual				
491	Pinnixa schmitti		count	Actual				
492	Pinnixa tubicola		count	Actual				
493	Pinnotheridae		count	Actual				
494	Piromis		count	Actual				
495	Piromis hospitis		count	Actual				
496	Pisione remota		count	Actual				
497	Pista		count	Actual				
498	Pista alata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
499	Pista disjuncta		count	Actual				
5	Actinaria		count	Actual				
50	Amphiuridae		count	Actual				
500	Pista fasciata		count	Actual				
501	Pista moorei		count	Actual				
502	Platyhelminthes		count	Actual				
503	Platynereis bicanaliculata		count	Actual				
504	Plehnia caeca		count	Actual				
505	Pleurobranchaea californica		count	Actual				
506	Pleusymtes subglaber		count	Actual				
507	Plumularia		count	Actual				
508	Plumularia corrugata		count	Actual				
509	Plumularia integra		count	Actual				
51	Amygdalum politum		count	Actual				
510	Podarke pugettensis		count	Actual				
511	Podarkeopsis		count	Actual				
512	Podarkeopsis glabra		count	Actual				
513	Podocerus		count	Actual				
514	Podocerus cristatus		count	Actual				
515	Poecilochaetus		count	Actual				
516	Poecilochaetus johnsoni		count	Actual				
517	Polinices draconis		count	Actual				
518	Polychaeta		count	Actual				
519	Polycirrus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
52	Ancistrosyllis groenlandica		count	Actual				
520	Polycirrus californicus		count	Actual				
521	Polydora		count	Actual				
522	Polydora limicola		count	Actual				
523	Polynoidae		count	Actual				
524	Polyodontes panamensis		count	Actual				
525	Potamethus		count	Actual				
526	Prachynella lodo		count	Actual				
527	Praxillella gracilis		count	Actual				
528	Praxillella pacifica		count	Actual				
529	Praxillura maculata		count	Actual				
53	Ancistrosyllis hamata		count	Actual				
530	Prionospio		count	Actual				
531	Prionospio ehlersi		count	Actual				
532	Prionospio heterobranchia		count	Actual				
533	Proceraea		count	Actual				
534	Procerastea		count	Actual				
535	Proclea		count	Actual				
536	Prosorhochmus albidus		count	Actual				
537	Protomedeia		count	Actual				
538	Pseudomma		count	Actual				
539	Pseudomma californica		count	Actual				
54	Ancula		count	Actual				
540	Pseudopolydora paucibranchiata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
541	Pteropurpura macroptera		count	Actual				
542	Pyromaia tuberculata		count	Actual				
543	Randallia ornata		count	Actual				
544	Retusa xystrum		count	Actual				
545	Rhabdus rectius		count	Actual				
546	Rhachotropis		count	Actual				
547	Rhamphobrachium longisetosum		count	Actual				
548	Rhepoxynius abronius		count	Actual				
549	Rhepoxynius bicuspidatus		count	Actual				
55	Anobothrus gracilis		count	Actual				
550	Rhepoxynius daboius		count	Actual				
551	Rhepoxynius lucubrans		count	Actual				
552	Rhepoxynius menziesi		count	Actual				
553	Rhepoxynius stenodes		count	Actual				
554	Rhodine bitorquata		count	Actual				
555	Rictaxis punctocaelatus		count	Actual				
556	Rutiderma lomae		count	Actual				
557	Sabellariidae		count	Actual				
558	Sabellidae		count	Actual				
559	Sabellides		count	Actual				
56	Anoplodactylus		count	Actual				
560	Samytha		count	Actual				
561	Samytha californiensis		count	Actual				
562	Saxicavella nybakkeni		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
563	Saxicavella pacifica		count	Actual				
564	Scalibregma inflatum		count	Actual				
565	Scaphopoda		count	Actual				
566	Schistomeringos rudolphi		count	Actual				
567	Schmittius politus		count	Actual				
568	Scionella japonica		count	Actual				
569	Scleroconcha trituberculata		count	Actual				
57	Anoplodactylus erectus		count	Actual				
570	Scolecopsis		count	Actual				
571	Scoletoma		count	Actual				
572	Scoloplos acmeceps		count	Actual				
573	Scoloplos armiger		count	Actual				
574	Scrupocellaria		count	Actual				
575	Sicyonia ingentis		count	Actual				
576	Sigambra tentaculata		count	Actual				
577	Sige		count	Actual				
578	Sinum scopulosum		count	Actual				
579	Siphonodentalium quadrifissatum		count	Actual				
58	Antiplanes catalinae		count	Actual				
580	Siphonosoma ingens		count	Actual				
581	Sipuncula		count	Actual				
582	Solemya reidi		count	Actual				
583	Solen sicarius		count	Actual				
584	Spatangus californicus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
585	Spio		count	Actual				
586	Spio filicornis		count	Actual				
587	Spiochaetopterus costarum		count	Actual				
588	Spionidae		count	Actual				
589	Spiophanes		count	Actual				
59	Aoroides columbiae		count	Actual				
590	Spiophanes berkeleyorum		count	Actual				
591	Spiophanes bombyx		count	Actual				
592	Spiophanes wigleyi		count	Actual				
593	Spirontocaris		count	Actual				
594	Spirontocaris sica		count	Actual				
595	Spisula		count	Actual				
596	Stenopleustes monocuspis		count	Actual				
597	Stenothoe frecanda		count	Actual				
598	Stenothoides bicoma		count	Actual				
599	Sternaspis fossor		count	Actual				
6	Acuminodeutopus heteruropus		count	Actual				
60	Aoroides inermis		count	Actual				
600	Sthenelais		count	Actual				
601	Sthenelais tertiaglabra		count	Actual				
602	Sthenelais verruculosa		count	Actual				
603	Sthenelanella uniformis		count	Actual				
604	Streblosoma		count	Actual				
605	Streblosoma crassibranchia		count	Actual				

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606	Styela		count	Actual				
607	Stylatula		count	Actual				
608	Stylatula elongata		count	Actual				
609	Stylochus		count	Actual				
61	Aoroides		count	Actual				
610	Stylostomum		count	Actual				
611	Subadyte mexicana		count	Actual				
612	Syllidae		count	Actual				
613	Syllides japonica		count	Actual				
614	Syllides longocirrata		count	Actual				
615	Syllis gracilis		count	Actual				
616	Synchelidium rectipalmum		count	Actual				
617	Synchelidium shoemakeri		count	Actual				
618	Syrrhoe		count	Actual				
619	Tagelus subteres		count	Actual				
62	Aphrodita		count	Actual				
620	Tanaidae		count	Actual				
621	Tellina		count	Actual				
622	Tellina carpenteri		count	Actual				
623	Tellina idae		count	Actual				
624	Tellina modesta		count	Actual				
625	Tenonia priops		count	Actual				
626	Terebellidae		count	Actual				
627	Terebellides		count	Actual				

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Orange County Sanitation District California

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
628	Terebellides californica		count	Actual				
629	Terebellides reishi		count	Actual				
63	Aphrodita castanea		count	Actual				
630	Tetrastemma		count	Actual				
631	Tetrastemma nigrifrons		count	Actual				
632	Theora lubrica		count	Actual				
633	Thesea		count	Actual				
634	Thracia curta		count	Actual				
635	Thyasira flexuosa		count	Actual				
636	Travisia brevis		count	Actual				
637	Travisia pupa		count	Actual				
638	Triopha		count	Actual				
639	Tubulanus cingulatus		count	Actual				
64	Aphrodita japonica		count	Actual				
640	Tubulanus nothus		count	Actual				
641	Tubulanus polymorphus		count	Actual				
642	Tubularia		count	Actual				
643	Turbonilla		count	Actual				
644	Upogebia		count	Actual				
645	Upogebia macginitieorum		count	Actual				
646	Uromunna ubiquita		count	Actual				
647	Virgulariidae		count	Actual				
648	Vitrinella oldroydi		count	Actual				
649	Volvulella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65	Apoprionospio pygmaea		count	Actual				
650	Volvulella californica		count	Actual				
651	Volvulella catharia		count	Actual				
652	Volvulella cylindrica		count	Actual				
653	Volvulella panamica		count	Actual				
654	Westwoodilla caecula		count	Actual				
655	Zygeupolia rubens		count	Actual				
656	Atlanta		count	Actual				
657	Asperiscala		count	Actual				
658	Aphelochaeta		count	Actual				
659	Alabina		count	Actual				
66	Arabella		count	Actual				
660	Acerotisa		count	Actual				
661	Cardium		count	Actual				
662	Pilargis maculata		count	Actual				
663	Chione		count	Actual				
664	Aphelochaeta marioni		count	Actual				
665	Boreocingula martyni		count	Actual				
666	Phyllodoce medipapillata		count	Actual				
667	Phaenocelis mexicana		count	Actual				
669	Corbula luteola		count	Actual				
67	Araphura		count	Actual				
670	Bugula longirostrata		count	Actual				
671	Coryne		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
672	<i>Psephidia lordi</i>		count	Actual				
673	<i>Asperiscala lowei</i>		count	Actual				
674	<i>Harmothoe lunulata</i>		count	Actual				
675	<i>Cadulus</i>		count	Actual				
676	<i>Conchoecia</i>		count	Actual				
677	<i>Cirriformia luxuriosa</i>		count	Actual				
678	<i>Clio</i>		count	Actual				
679	<i>Vitreolina macra</i>		count	Actual				
68	<i>Arcteobia anticostiensis</i>		count	Actual				
680	<i>Palaemon macrodactylus</i>		count	Actual				
681	<i>Chionoecetes</i>		count	Actual				
682	<i>Copidozoum</i>		count	Actual				
683	<i>Crepidula norrisiarum</i>		count	Actual				
684	<i>Thysanocardia nigra</i>		count	Actual				
685	<i>Micrura nigrirostris</i>		count	Actual				
686	<i>Trichiurus nitens</i>		count	Actual				
687	<i>Crepidula nivea</i>		count	Actual				
688	<i>Polydora neocardalia</i>		count	Actual				
689	<i>Scaphander</i>		count	Actual				
69	<i>Arctonoe</i>		count	Actual				
690	<i>Crepidula nummaria</i>		count	Actual				
691	<i>Lucinisca nuttalli</i>		count	Actual				
692	<i>Fartulum occidentale</i>		count	Actual				
693	<i>Clavipora occidentalis</i>		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
694	<i>Crisulipora occidentalis</i>		count	Actual				
695	<i>Amphiodia occidentalis</i>		count	Actual				
696	<i>Spinicirrus</i>		count	Actual				
697	<i>Plumularia mobilis</i>		count	Actual				
698	<i>Polyorchis montereyensis</i>		count	Actual				
699	<i>Chaetozone multioculata</i>		count	Actual				
7	<i>Adontorhina cyclia</i>		count	Actual				
70	<i>Argissa hamatipes</i>		count	Actual				
700	<i>Glycera nana</i>		count	Actual				
701	<i>Cryptocope</i>		count	Actual				
702	<i>Lafoea</i>		count	Actual				
703	<i>Bathymedon longimanus</i>		count	Actual				
704	<i>Limacina</i>		count	Actual				
705	<i>Betaeus gracilis</i>		count	Actual				
706	<i>Caulleriella gracilis</i>		count	Actual				
707	<i>Leptogyra</i>		count	Actual				
708	<i>Paraphronima gracilis</i>		count	Actual				
709	<i>Flosmaris grandis</i>		count	Actual				
71	<i>Arhynchite</i>		count	Actual				
710	<i>Leaena</i>		count	Actual				
711	<i>Lissoclinum</i>		count	Actual				
712	<i>Pandalus gurneyi</i>		count	Actual				
713	<i>Crepidula glottidiarum</i>		count	Actual				
714	<i>Kurtzina</i>		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
715	Ophiidermella halcyonis		count	Actual				
716	Phoronopsis harmeri		count	Actual				
717	Discodoris heathi		count	Actual				
718	Myriochele heeri		count	Actual				
719	Rochefortia grippi		count	Actual				
72	Arhynchite californicus		count	Actual				
720	Phyllodoce ferruginea		count	Actual				
721	Grubeulepis fimbriata		count	Actual				
722	Spiophanes fimbriata		count	Actual				
723	Lirobittium		count	Actual				
724	Solidobalanus hesperius		count	Actual				
725	Bathyleberis garthi		count	Actual				
726	Haliophasma geminata		count	Actual				
727	Panopea generosa		count	Actual				
728	Arabella geniculata		count	Actual				
729	Metridium giganteum		count	Actual				
73	Aricidea catherinae		count	Actual				
730	Prionace glauca		count	Actual				
731	Marsenina		count	Actual				
732	Synidotea laticauda		count	Actual				
733	Ensitellops		count	Actual				
734	Renilla koellikeri		count	Actual				
735	Plumularia lagenifera		count	Actual				
736	Kellia laperousii		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
737	Dromidia larraburei		count	Actual				
738	Dactylopleustes		count	Actual				
739	Leuresthes tenuis		count	Actual				
74	Aricidea wassi		count	Actual				
740	Dacrydium		count	Actual				
741	Neosimnia loebbeckeana		count	Actual				
742	Notoplana longastyletta		count	Actual				
743	Onchidoris hystericina		count	Actual				
744	Pagurus ochotensis		count	Actual				
745	Syllis heterochaeta		count	Actual				
746	Gnorimosphaeroma		count	Actual				
747	Amphioplus hexacanthus		count	Actual				
748	Ammothea hilgendorfi		count	Actual				
749	Callopora horrida		count	Actual				
75	Aricidea		count	Actual				
750	Kelletia kelletii		count	Actual				
751	Abietinaria pacifica		count	Actual				
752	Cephalaspidea		count	Actual				
753	Lepidepcreum		count	Actual				
76	Armandia brevis		count	Actual				
77	Armina californica		count	Actual				
78	Artacama coniferi		count	Actual				
79	Artacamella hancocki		count	Actual				
8	Aglaja ocelligera		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
80	Aruga holmesi		count	Actual				
81	Aruga oculata		count	Actual				
82	Asabellides lineata		count	Actual				
83	Asciadiacea		count	Actual				
84	Asteroidea		count	Actual				
85	Astropecten		count	Actual				
86	Astropecten verrilli		count	Actual				
87	Autolytus		count	Actual				
88	Axinopsida serricata		count	Actual				
89	Axiothella rubrocincta		count	Actual				
9	Aglaophamus erectans		count	Actual				
90	Balanus		count	Actual				
91	Balanus pacificus		count	Actual				
92	Balcis		count	Actual				
93	Barentsia		count	Actual				
94	Bathyleberis garthi		count	Actual				
95	Bathymedon pumilus		count	Actual				
96	Bathymedon vulpeculus		count	Actual				
97	Bemlos audbettius		count	Actual				
98	Bispira		count	Actual				
99	Bivalvia		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-008	Bioaccumulation parent	Sample	Biological	Individual			N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Pleuronectes vetulus	count		Actual						
2	Pleuronichthys verticalis	count		Actual						
3	Hippoglossina stomata	count		Actual						
4	Microstomus pacificus	count		Actual						
5	Genyonemus lineatus	count		Actual						
6	Pleuronichthys ritteri	count		Actual						
7	Paralabrax nebulifer	count		Actual						
8	Citharichthys xanthostigma	count		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-009	Trawl Biomass & Sizeclass	Sample	Biological	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Length, Standard (Fish)	cm		Actual						
2	Length, Total (Fish)	cm		Actual						
3	Length	cm		Actual						
4	Biomass	g		Actual					OTTER TRAWL	
5	Actual Number of Individuals Measured	count		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-010	LABs (Linear Alkaline Benzene)	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	1-Phenyldecane	ug/kg	Total	Actual					LABS	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	2-Phenylundecane	ug/kg	Total	Actual					LABS	
11	3-Phenyldecane	ug/kg	Total	Actual					LABS	
12	3-Phenyldecane	ug/kg	Total	Actual					LABS	
13	3-Phenyltetradecane	ug/kg	Total	Actual					LABS	
14	3-Phenyltridecane	ug/kg	Total	Actual					LABS	
15	3-Phenylundecane	ug/kg	Total	Actual					LABS	
16	4-Phenyldecane	ug/kg	Total	Actual					LABS	
17	4-Phenyldecane	ug/kg	Total	Actual					LABS	
18	4-Phenyltetradecane	ug/kg	Total	Actual					LABS	
19	4-Phenyltridecane	ug/kg	Total	Actual					LABS	
2	1-Phenyldecane	ug/kg	Total	Actual					LABS	
20	4-Phenylundecane	ug/kg	Total	Actual					LABS	
21	5-Phenyldecane	ug/kg	Total	Actual					LABS	
22	5-Phenyldecane	ug/kg	Total	Actual					LABS	
23	5-Phenyltetradecane	ug/kg	Total	Actual					LABS	
24	5-Phenyltridecane	ug/kg	Total	Actual					LABS	
25	5-Phenylundecane	ug/kg	Total	Actual					LABS	
26	6-Phenyldecane	ug/kg	Total	Actual					LABS	
27	6-Phenyltetradecane	ug/kg	Total	Actual					LABS	
28	6-Phenyltridecane	ug/kg	Total	Actual					LABS	
29	6-Phenylundecane	ug/kg	Total	Actual					LABS	
3	1-Phenylnonane	ug/kg	Total	Actual					LABS	
30	7-Phenyltetradecane	ug/kg	Total	Actual					LABS	
31	7-Phenyltetradecane + 6-Phenyltridecane mix	ug/kg	Total	Actual					LABS	
32	5,6-Dibutyl-5,6-bis(4-tert-butylphenyl)decane	ug/kg	Total	Actual					LABS	
33	Undecane	ug/kg	Total	Actual					LABS	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34	Tridecane	ug/kg	Total	Actual					LABS	
35	Dodecane	ug/kg	Total	Actual					LABS	
4	1-Phenylpentadecane	ug/kg	Total	Actual					LABS	
5	1-Phenyltetradecane	ug/kg	Total	Actual					LABS	
6	2-Phenyldecane	ug/kg	Total	Actual					LABS	
7	2-Phenylododecane	ug/kg	Total	Actual					LABS	
8	2-Phenyltetradecane	ug/kg	Total	Actual					LABS	
9	2-Phenyltridecane	ug/kg	Total	Actual					LABS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-011	Fish histopathology	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
1	SPECIMEN	
10	LENGTH	
11	WEIGHT	
12	SEX	
13	INTERNAL CONDITION	
14	LIVER CONDITION	
2	ORGAN	
3	TISSUE	
4	LESION	
5	AFFECTED	
6	POSTMORT	
7	DISTRIBUTION	
8	RESPONSE	

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Row ID	Characteristic Name	Description
9	SEVERITY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-012	Fish Histopathology species	Sample	Biological	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Hippoglossina stomata	count		Actual						
10	Scomber japonicus	count		Actual						
11	Sebastes dalli	count		Actual						
12	Sebastes rosaceus	count		Actual						
13	Citharichthys stigmaeus	count		Actual						
14	Squalus acanthias	count		Actual						
15	Symphurus atricauda	count		Actual						
16	Sebastes miniatus	count		Actual						
17	Genyonemus lineatus	count		Actual						
18	Pleuronichthys ritteri	count		Actual						
19	Parophrys vetulus	count		Actual						
2	Scorpaena guttata	count		Actual						
3	Caulolatilus princeps	count		Actual						
4	Microstomus pacificus	count		Actual						
5	Pleuronectes vetulus	count		Actual						
6	Xystreureys liolepis	count		Actual						
7	Pleuronichthys verticalis	count		Actual						
8	Citharichthys sordidus	count		Actual						
9	Paralabrax nebulifer	count		Actual						

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21COL001 Colorado Dept. of Public Health & Environment

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CAMG	HARDNESS-CA+MG	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HRD-CAMG	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	Routine Sampling	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG_DIS	Silver	ug/l	Dissolved	Actual					200.8(W)	
AG_TREC	Silver	ug/l	Total Recovrble	Actual					200.8(W)	
AL_DIS	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
AL_TREC	Aluminum	ug/l	Total Recovrble	Actual					POT DISS METAL2	
AS_DIS	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
AS_PD	Arsenic	ug/l	Dissolved	Actual					POT DISS METAL2	
AS_TOT	Arsenic	ug/l	Total	Actual					200.8(W)	
AS_TREC	Arsenic	ug/l	Total Recovrble	Actual					200.8(W)	
CD_DIS	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
CD_PD	Cadmium	ug/l	Dissolved	Actual					POT DISS METAL2	
CD_TREC	Cadmium	ug/l	Total Recovrble	Actual					200.8(W)	
CL_TOT	Chloride	mg/l	Total	Actual					300(A)	
CN_DIR	Cyanides Amenable to Chlorination	mg/l	Total	Actual					4500-CN(H)	

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Colorado Dept. of Public Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CN_TOT	Cyanide	mg/l	Total	Actual					335.2	
COND_LAB	Specific conductance	umho/cm	Total	Actual					120.1	
CR_DIS	Chromium	ug/l	Dissolved	Actual					200.8(W)	
CR_TREC	Chromium	ug/l	Total Recovrble	Actual					200.8(W)	
CU_DIS	Copper	ug/l	Dissolved	Actual					200.8(W)	
CU_PD	Copper	ug/l	Dissolved	Actual					POT DISS METAL2	
CU_TREC	Copper	ug/l	Total Recovrble	Actual					200.8(W)	
ECOLICST	Escherichia coli	#/100ml	Total	Calculated	MPN				9223-B	
ECOLIMF24	Escherichia coli	#/100ml	Total	Actual					10029	
ECOLIMPN	Escherichia coli	#/100ml	Total	Calculated	MPN				9221-B.1	
FCOLICNT	Fecal Coliform	#/100ml	Total	Actual					9222-D	
FCOLIMPN	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E	
FE_DIS	Iron	ug/l	Dissolved	Actual					200.7(W)	
FE_PD	Iron	ug/l	Dissolved	Actual					POT DISS METAL1	
FE_TREC	Iron	ug/l	Total Recovrble	Actual					200.7(W)	
FL_DIS	Fluorides	mg/l	Dissolved	Actual					4500-F-E	
HG_DIS	Mercury	ug/l	Dissolved	Actual					245.1	
HG_TOT	Mercury	ug/l	Total	Actual					245.1	
HRDNSLAB	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	
MN_DIS	Manganese	ug/l	Dissolved	Actual					200.8(W)	
MN_PD	Manganese	ug/l	Dissolved	Actual					POT DISS METAL1	
MN_TREC	Manganese	ug/l	Total Recovrble	Actual					200.8(W)	

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Colorado Dept. of Public Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
N-KJEL	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
N-NH3NH4	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					350.1	
N-NO2	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					4500-NO2(B)	
N-NO3	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
N-NO5	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
NI_DIS	Nickel	ug/l	Dissolved	Actual					200.8(W)	
P-ORTPO4	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.2	
PB_DIS	Lead	ug/l	Dissolved	Actual					200.8(W)	
PB_PD	Lead	ug/l	Dissolved	Actual					POT DISS METAL2	
PB_TREC	Lead	ug/l	Total Recovrble	Actual					200.8(W)	
PHOS_TOT	Phosphorus as P	mg/l	Total	Actual					365.1	
SE_DIS	Selenium	ug/l	Dissolved	Actual					200.8(W)	
SE_PD	Selenium	ug/l	Dissolved	Actual					POT DISS METAL2	
SE_TREC	Selenium	ug/l	Total Recovrble	Actual					200.8(W)	
SO4_TOT	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
T-ALCLAB	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					2320	
TCOLICST	Total Coliform	#/100ml	Total	Calculated	MPN				9223-B	
TCOLIMPN	Total Coliform	#/100ml	Total	Calculated	MPN				9223-B	
TDS	Solids, Dissolved	mg/l	Filterable	Actual					160.1	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					160.2	

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Colorado Dept. of Public Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
U_DIS	Uranium	ug/l	Dissolved	Actual					200.8(W)	
ZN_DIS	Zinc	ug/l	Dissolved	Actual					200.8(W)	
ZN_PD	Zinc	ug/l	Dissolved	Actual					POT DISS METAL1	
ZN_TREC	Zinc	ug/l	Total Recovrble	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	Routine Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR_C	Temperature, air	deg C		Actual					170.1	
	Acceptable Range	0.00000 - 50.00000 deg C								
AIR_F	Temperature, air	deg F		Actual					170.1	
	Acceptable Range	0.00000 - 50.00000 deg F								
COND_FLD	Specific conductance	umho/cm		Actual					120.1	
DO	Dissolved oxygen (DO)	mg/l		Actual					360.1	
DO_SAT	Dissolved oxygen saturation	%		Calculated						
FLOW_CFS	Flow	cfs		Actual					UNKNOWN	
FLOW_GPM	Flow	gal/min		Actual					UNKNOWN	
FLOW_MGD	Flow	mgd		Actual					UNKNOWN	
HRDNSFLD	Hardness, carbonate	mg/l	Total	Actual						
PH_FIELD	pH	None	Total	Actual					150.1	
	Acceptable Range	0.00000 - 14.00000 None								
PH_STRIP	pH	None	Total	Actual					9041A	
SAMP_C	Temperature, water	deg C		Actual					2550	
	Acceptable Range	0.00000 - 100.00000 deg C								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SAMP_F	Temperature, water	deg F		Actual					2550	
	Acceptable Range	0.00000 - 100.00000 deg F								
T-ALKFLD	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					2320	
TEMP_WATER-DEG_C	Temperature, water	deg C		Actual					2550	
	Acceptable Range	0.00000 - 100.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CN_DIR	Cyanide, Direct	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CN_DIR	Cyanides Amenable to Chlorination	mg/l	Total	Actual					4500-CN(H)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ECOLICST	E. COLI, MPN	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ECOLIMPN	Escherichia coli	#/100ml	Total	Calculated	MPN				9223-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FCOLICNT	FECAL COLIFORM, MFT	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FCOLICNT	Fecal Coliform	#/100ml	Total	Actual					9222-D	
Group ID	Group Name	Field Activity	Medium	Intent		Community			Result Group	Habitat
FCOLIMPN	Total Fecal Coliforms	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FCOLIMPN	Fecal Coliform	#/100ml	Total	Actual	MPN				9221-E	
Group ID	Group Name	Field Activity	Medium	Intent		Community			Result Group	Habitat
HLAKEFLD	HISTORIC LAKE FIELD TESTS	Field Msr/Obs	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO_FLD	Dissolved oxygen (DO)	mg/l	Total	Actual					HISTORIC	
FLD_COND_25	Specific conductance	uS/cm	Total	Actual				25 Deg C	HISTORIC	
PH_FLD	pH	None	Total	Actual					HISTORIC	
Group ID	Group Name	Field Activity	Medium	Intent		Community			Result Group	Habitat
HLAKELAB	HISTORIC LAKE LAB TESTS	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CO2_LAB	Carbon dioxide	mg/l	Total	Actual					HISTORIC	
CO3-ALK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					HISTORIC	
T-ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonat	mg/l	Total	Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	e)									
T-CHLORIDE	Chloride	mg/l	Total	Actual						
T-NO3_N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Calculated					HISTORIC	
T-ORTPO4	Phosphorus, orthophosphate as P	mg/l	Total	Calculated					HISTORIC	
T-SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					HISTORIC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-001	WQCD Lake Laboratory Analyses	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG_DIS	Silver	ug/l	Dissolved	Actual					200.8(W)	
AL_DIS	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
AS_DIS	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
CD_DIS	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
CHL_A	Chlorophyll a, corrected for pheophytin	mg/l	Non-filterable	Actual					CHL_A	
CL_TOT	Chloride	mg/l	Total	Actual					300(A)	
CR_DIS	Chromium	ug/l	Dissolved	Actual					200.7(W)	
CU_DIS	Copper	ug/l	Dissolved	Actual					200.7(W)	
ECOLIMF24	Escherichia coli	#/100ml	Total	Actual					10029	
ECOLIMPN	Escherichia coli	#/100ml	Total	Actual					9223-B	
FE_DIS	Iron	ug/l	Dissolved	Actual					200.7(W)	
FE_TREC	Iron	ug/l	Total	Actual					200.7(W)	
FL_DIS	Fluorides	mg/l	Dissolved	Actual					4500-F-E	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HG_DIS	Mercury	ug/l	Dissolved	Actual					245.1	
HRDNSLAB	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	
MN_DIS	Manganese	ug/l	Dissolved	Actual					200.7(W)	
N-KJEL	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
N-NH3NH4	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					350.1	
N-NO2	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					4500-NO2(B)	
N-NO3	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
N-NO5	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
P-ORTPO4	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.2	
PB_DIS	Lead	ug/l	Dissolved	Actual					200.8(W)	
PHOS_TOT	Phosphorus as P	mg/l	Total	Actual					365.1	
SE_DIS	Selenium	ug/l	Dissolved	Actual					200.8(W)	
SO4_TOT	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
T-ALKLAB	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					2320	
TCOLIMPN	Total Coliform	#/100ml	Total	Actual					9223-B	
TDS	Solids, Dissolved	mg/l	Filterable	Actual					2540-C	
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					2540-D	
U_DIS	Uranium	ug/l	Dissolved	Actual					200.8(W)	
ZN_DIS	Zinc	ug/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-002	WQCD Lake Profile and Secchi	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND_US/CM	Specific conductance	uS/cm	Total	Actual					120.1	
COND_US/CM_AVG	Specific conductance	uS/cm	Total	Calculated	Mean				120.1	
DO_MG/L_AVG	Dissolved oxygen (DO)	mg/l		Calculated	Mean				4500-O-G	
O2 DISS_MG/L	Dissolved oxygen (DO)	mg/l		Actual					360.1	
PH_FIELD_METER	pH	None	Total	Actual					150.1	
PH_FIELD_METER_AVG	pH	None	Total	Calculated	Mean				150.1	
SECCHI_M	Depth, Secchi Disk Depth	m		Actual					SECCHI_DEPT	H
TEMP_WATER_DEG_C	Temperature, water	deg C		Actual					170.1	
TEMP_WATER_DEG_C_AVG	Temperature, water	deg C		Calculated	Mean				170.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-003	Lake Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND_US/CM_AVG	Specific conductance	uS/cm		Actual						
DO_MG/L_AVG	Dissolved oxygen (DO)	mg/l		Actual						
PH_FIELD_METER_AVG	pH	None		Calculated	Mean				150.1	
SECCHI_M	Depth, Secchi Disk Depth	m		Actual					SECCHI_DEPT	H
TEMP_WATER_DEG_C_AVG	Temperature, water	deg C		Calculated	Mean				170.1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LAKE06-1	2006 Lake Chemistry Analyses	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AL_DIS	Aluminum	ug/l	Dissolved	Actual						
AS_DIS	Arsenic	ug/l	Dissolved	Actual						
ECOLIMF24	Escherichia coli	#/100ml	Total	Actual						
ECOLIMPN	Escherichia coli	#/100ml	Total	Actual	MPN					
FE_DIS	Iron	ug/l	Dissolved	Actual						
FE_TREC	Iron	ug/l	Total	Actual						
	Chloride									
	Cadmium									
	Chlorophyll a, corrected for pheophytin									
	Zinc									
	Uranium									
	Sulfur, sulfate (SO4) as SO4									
	Silver									
	Selenium									
	Phosphorus as P									
	Nitrogen, Nitrite (NO2) as N									
	Nitrogen, Nitrate (NO3) as N									
	Nitrogen, ammonia (NH3) + ammonium (NH4)									
	Nitrogen, Kjeldahl									
	Manganese									
	Lead									
	Hardness, Ca + Mg									
	Copper									

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE06-2	2006 Lakes Profile and Secchi	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND_US/CM	Specific conductance	uS/cm		Actual					METER_1	
COND_US/CM_AVG	Specific conductance	uS/cm		Calculated	Mean				METER_1	
DO_MG/L_AVG	Dissolved oxygen (DO)	mg/l		Calculated	Mean				METER_1	
O2 DISS_MG/L	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					METER_1	
PH_FIELD_METER	pH	None		Actual					METER_1	
PH_FIELD_METER_AVG	pH	None		Calculated	Mean				METER_1	
SECCHI_M	Depth, Secchi Disk Depth	m		Actual					SECCHI_DEPT H	
TEMP_WATER_DEG_C	Temperature, water	deg C		Actual					METER_1	
TEMP_WATER_DEG_C_AVG	Temperature, water	deg C		Calculated	Mean				METER_1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGFAIR	Legacy Air Field Measures	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00021	Temperature, air	deg F		Actual					HISTORIC	
00042	Elevation, MSL	ft		Actual					160.4	
72000	Elevation, land surface, MSL	ft		Actual					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGFSED	Legacy Sediment Field Measures	Field Msr/Obs	Sediment				N

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGFSOIL	Legacy Soil Field Measures	Field Msr/Obs	Soil				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGFWATER	Legacy Water Field Measures	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					HISTORIC	
00011	Temperature, water	deg F		Actual					HISTORIC	
00020	Temperature, air	deg C		Actual					HISTORIC	
00045	Precipitation	in	Total	Actual			1 Day		HISTORIC	
00059	Flow	gal/min		Actual					160.1	
00060	Flow	cfs		Actual	Mean		1 Day		HISTORIC	
00061	Flow	cfs		Actual					160.1	
00065	Stream stage height	ft		Actual					160.2	
00077	Depth, Secchi Disk Depth	in		Actual					HISTORIC	
00078	Depth, Secchi Disk Depth	m		Actual					HISTORIC	
00090	Oxidation reduction potential (ORP)	mV		Actual					HISTORIC	
00094	Specific conductance	umho/cm		Actual					120.1	
00098	Depth	m		Actual					HISTORIC	
00113	Light Underwater Incident	ft-candles		Actual						
00114	Light Underwater Reflected	ft-candles		Actual					HISTORIC	
00200	Light Incident	uE/m2/sec		Actual					HISTORIC	
00299	Dissolved oxygen (DO)	mg/l		Actual					160.4	
00400	pH	None		Actual					HISTORIC	
00431	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
30208	Flow	cm3/sec		Actual					160.1	
50050	Flow	mgd		Actual					HISTORIC	
82903	Depth, bottom	m		Actual					HISTORIC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGLBIO	Legacy Biological Lab Samples	Sample	Biological	Individual			N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGLSED	Legacy Sediment Lab Samples	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00626	Nitrogen, organic	mg/kg	Total	Actual		Dry			HISTORIC	
01024	Chromium	mg/kg	Total	Actual		Wet			HISTORIC	
01053	Manganese	mg/kg	Total	Actual		Dry			HISTORIC	
01148	Selenium	mg/kg	Total	Actual		Dry			HISTORIC	
78190	Pentachlorobiphenyl	ug/kg	Total	Actual		Dry			HISTORIC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGLSOIL	Legacy Soil Lab Samples	Sample	Soil				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01200	Selenium	mg/kg	Total	Actual		Dry			HISTORIC	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LGLWATER	Legacy Water Lab Samples	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00070	Turbidity	JTU		Actual					HISTORIC	
00076	Turbidity	FTU		Actual					HISTORIC	
00080	Color, True	PCU		Actual					HISTORIC	
00095	Specific conductance	umho/cm		Actual				25 Deg C	160.4	
00096	Salinity	ppt	Total	Actual				25 Deg C	HISTORIC	
00142	Hydrogen cyanide	ug/l	Total	Actual					HISTORIC	
00156	Isooctyl 2,4,5-T ester	ug/l	Total	Actual					HISTORIC	
00300	Dissolved oxygen (DO)	mg/l		Actual					160.4	
00301	Dissolved oxygen saturation	%		Calculated					HISTORIC	
00310	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	HISTORIC	
00315	BOD, Biochemical oxygen demand	mg/l		Actual			7 Day	20 Deg C	HISTORIC	
00316	BOD, Biochemical oxygen demand	mg/l		Actual			8 Day	20 Deg C	HISTORIC	
00326	BOD, Biochemical oxygen demand	mg/l		Actual			28 Day	20 Deg C	HISTORIC	
00335	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual					410.2	
00350	BOD, Biochemical oxygen demand	mg/l		Actual			14 Day	20 Deg C	HISTORIC	
00402	Specific conductance	umho/cm		Actual					160.4	
00410	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					HISTORIC	
00415	Alkalinity, Carbonate as CaCO3	mg/l		Actual						
00420	Alkalinity, Hydroxide as CaCO3	mg/l		Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00425	Alkalinity, Bicarbonate as CaCO3	mg/l		Actual					HISTORIC	
00440	Bicarbonate	mg/l	Total	Actual					HISTORIC	
00445	Carbonate ion (CO3-2)	mg/l	Total	Actual					HISTORIC	
00500	Solids, Total	mg/l		Actual					160.3	
00505	Solids, Volatile	mg/l	Total	Actual					160.4	
00515	Solids, Fixed	mg/l	Dissolved	Actual					HISTORIC	
00530	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
00535	Solids, Volatile	mg/l	Suspended	Actual					160.4	
00600	Nitrogen ion (N)	mg/l	Total	Actual					HISTORIC	
00601	Nitrogen ion (N)	mg/l	Suspended	Actual					160.4	
00602	Nitrogen ion (N)	mg/l	Dissolved	Actual					HISTORIC	
00608	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Dissolved	Actual					HISTORIC	
00610	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					HISTORIC	
00612	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					HISTORIC	
00613	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual					HISTORIC	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					HISTORIC	
00618	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					HISTORIC	
00619	Ammonia, unionized	mg/l		Calculated					HISTORIC	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					HISTORIC	
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					HISTORIC	
00628	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Suspended	Actual					HISTORIC	
00629	Nitrogen, organic	mg/l	Total	Actual					HISTORIC	
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00635	Nitrogen, Ammonia + Organic	mg/l	Total	Actual						
00640	Nitrogen, inorganic	mg/l	Total	Actual					HISTORIC	
00650	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					HISTORIC	
00655	Phosphorus, polyphosphate as PO4	mg/l	Total	Actual					HISTORIC	
00660	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					HISTORIC	
00665	Phosphorus as P	mg/l	Total	Actual					HISTORIC	
00666	Phosphorus as P	mg/l	Dissolved	Actual					HISTORIC	
00667	Phosphorus as P	mg/l	Suspended	Actual					HISTORIC	
00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					HISTORIC	
00680	Carbon, Total Organic (Toc)	mg/l		Actual					HISTORIC	
00685	Carbon, Total Inorganic	mg/l		Actual					HISTORIC	
00720	Cyanide	mg/l	Total	Actual					HISTORIC	
00723	Cyanide	ug/l	Dissolved	Actual					HISTORIC	
00726	Sodium chlorate	ug/l	Total	Actual					HISTORIC	
00745	Sulfide	mg/l	Total	Actual					HISTORIC	
00746	Sulfide	mg/l	Dissolved	Actual					HISTORIC	
00900	Hardness, Ca + Mg	mg/l	Total	Actual					HISTORIC	
00910	Calcium as CaCO3	mg/l	Total	Actual					HISTORIC	
00915	Calcium	mg/l	Dissolved	Actual					HISTORIC	
00916	Calcium	mg/l	Total	Actual					HISTORIC	
00921	Magnesium	mg/l	Total	Actual					HISTORIC	
00925	Magnesium	mg/l	Dissolved	Actual					HISTORIC	
00927	Magnesium	mg/l	Total	Actual					HISTORIC	
00929	Sodium	mg/l	Total	Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00930	Sodium	mg/l	Dissolved	Actual					HISTORIC	
00937	Potassium	mg/l	Total	Actual					HISTORIC	
00940	Chloride	mg/l	Total	Actual					HISTORIC	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					HISTORIC	
00946	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					HISTORIC	
00951	Fluorides	mg/l	Total	Actual					HISTORIC	
00953	Fluorine	ug/l	Total	Actual					HISTORIC	
00955	Silica	mg/l	Dissolved	Actual					HISTORIC	
00979	Cobalt	ug/l	Total	Actual					HISTORIC	
00980	Iron	ug/l	Total	Actual					HISTORIC	
00998	Beryllium	ug/l	Total	Actual					HISTORIC	
01000	Arsenic	ug/l	Dissolved	Actual					HISTORIC	
01002	Arsenic	ug/l	Total	Actual					HISTORIC	
01006	Barium	ug/l	Suspended	Actual					HISTORIC	
01022	Boron	ug/l	Total	Actual					HISTORIC	
01025	Cadmium	ug/l	Dissolved	Actual					HISTORIC	
01026	Cadmium	ug/l	Suspended	Actual					HISTORIC	
01027	Cadmium	ug/l	Total	Actual					HISTORIC	
01030	Chromium	ug/l	Dissolved	Actual					HISTORIC	
01032	Chromium, hexavalent	ug/l	Total	Actual					HISTORIC	
01034	Chromium	ug/l	Total	Actual					HISTORIC	
01040	Copper	ug/l	Dissolved	Actual					HISTORIC	
01042	Copper	ug/l	Total	Actual					HISTORIC	
01045	Iron	ug/l	Total	Actual					HISTORIC	
01046	Iron	ug/l	Dissolved	Actual					HISTORIC	
01047	Iron, ferrous, Fe+2	ug/l	Total	Actual					HISTORIC	
01049	Lead	ug/l	Dissolved	Actual					HISTORIC	

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Colorado Dept. of Public Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01050	Lead	ug/l	Suspended	Actual					HISTORIC	
01051	Lead	ug/l	Total	Actual					HISTORIC	
01055	Manganese	ug/l	Total	Actual					HISTORIC	
01056	Manganese	ug/l	Dissolved	Actual					HISTORIC	
01057	Thallium	ug/l	Dissolved	Actual					HISTORIC	
01059	Thallium	ug/l	Total	Actual					HISTORIC	
01060	Molybdenum	ug/l	Dissolved	Actual					HISTORIC	
01062	Molybdenum	ug/l	Total	Actual					HISTORIC	
01065	Nickel	ug/l	Dissolved	Actual					HISTORIC	
01067	Nickel	ug/l	Total	Actual					HISTORIC	
01074	Nickel	ug/l	Total	Actual					HISTORIC	
01075	Silver	ug/l	Dissolved	Actual					HISTORIC	
01079	Silver	ug/l	Total	Actual					HISTORIC	
01090	Zinc	ug/l	Dissolved	Actual					HISTORIC	
01091	Zinc	ug/l	Suspended	Actual					HISTORIC	
01092	Zinc	ug/l	Total	Actual					HISTORIC	
01094	Zinc	ug/l	Total	Actual					HISTORIC	
01097	Antimony	ug/l	Total	Actual					HISTORIC	
01104	Aluminum	ug/l	Total	Actual					HISTORIC	
01106	Aluminum	ug/l	Dissolved	Actual					HISTORIC	
01113	Cadmium	ug/l	Total	Actual					HISTORIC	
01114	Lead	ug/l	Total	Actual					HISTORIC	
01118	Chromium	ug/l	Total	Actual					HISTORIC	
01119	Copper	ug/l	Total	Actual					HISTORIC	
01123	Manganese	ug/l	Total	Actual					HISTORIC	
01129	Molybdenum	ug/l	Total	Actual					HISTORIC	
01145	Selenium	ug/l	Dissolved	Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01147	Selenium	ug/l	Total	Actual					HISTORIC	
01160	Zirconium	ug/l	Dissolved	Actual					HISTORIC	
01501	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					HISTORIC	
01502	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L		Actual					HISTORIC	
01503	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual					HISTORIC	
01504	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual					HISTORIC	
03501	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual					HISTORIC	
03502	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L		Actual					HISTORIC	
03503	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Dissolved	Actual					HISTORIC	
03504	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Dissolved	Actual					HISTORIC	
09503	Radium-226	pCi/L	Dissolved	Actual					HISTORIC	
09504	Radium-226	pCi/L	Dissolved	Actual					HISTORIC	
09505	Radium-226	pCi/L	Suspended	Actual					HISTORIC	
22703	Uranium	ug/l	Dissolved	Actual					HISTORIC	
31501	Total Coliform	#/100ml		Actual					9222-B	
31505	Total Coliform	#/100ml		Actual	MPN				9221-B	
31613	Fecal Coliform	#/100ml		Actual					9222-D	
31615	Fecal Coliform	#/100ml		Actual	MPN				9221-E	
31616	Fecal Coliform	#/100ml		Actual					9222-D	
31635	Bacteria, iron+sulfur fixers	#/100ml	Total	Actual					HISTORIC	
31672	Fecal Streptococcus Group Bacteria	#/100ml		Actual					HISTORIC	

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Colorado Dept. of Public Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31673	Fecal Streptococcus Group Bacteria	#/100ml		Actual					HISTORIC	
31679	Fecal Streptococcus Group Bacteria	#/100ml		Actual					HISTORIC	
32209	Chlorophyll a, corrected for pheophytin	ug/l		Actual					HISTORIC	
32211	Chlorophyll a, corrected for pheophytin	ug/l		Actual					HISTORIC	
32730	Phenols (mixture)	ug/l	Total	Actual					HISTORIC	
38260	MBAS (detergents, surfactants)	mg/l		Actual					HISTORIC	
39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					HISTORIC	
39330	Aldrin	ug/l	Total	Actual					HISTORIC	
39360	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					HISTORIC	
39365	DDE ***retired*** (use DDE, p,p')	ug/l	Total	Actual					HISTORIC	
39370	DDT ***retired*** (use DDT, p,p')	ug/l	Total	Actual					HISTORIC	
39380	Dieldrin	ug/l	Total	Actual					HISTORIC	
39390	Endrin	ug/l	Total	Actual					160.4	
39398	Ethion	ug/l	Total	Actual					160.4	
39400	Toxaphene	ug/l	Total	Actual					9222-B	
39410	Heptachlor	ug/l	Total	Actual					HISTORIC	
39420	Heptachlor epoxide	ug/l	Total	Actual					HISTORIC	
39480	Methoxychlor	ug/l	Total	Actual					HISTORIC	
39530	Malathion	ug/l	Total	Actual					HISTORIC	
39540	Parathion	ug/l	Total	Actual					HISTORIC	
39570	Diazinon	ug/l	Total	Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39600	Methyl parathion	ug/l	Total	Actual					HISTORIC	
39730	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					HISTORIC	
39740	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					HISTORIC	
39760	Silvex	ug/l	Total	Actual					HISTORIC	
39782	BHC-gamma (Lindane)	ug/l	Total	Actual					HISTORIC	
39786	Trithion	ug/l	Total	Actual					HISTORIC	
45634	Hardness, Ca + Mg	mg/l		Actual					HISTORIC	
46460	Chlorophyll a, corrected for pheophytin	ug/l		Actual					HISTORIC	
46570	Hardness, Ca + Mg	mg/l	Total	Calculated					HISTORIC	
50060	Chlorine	mg/l	Total	Actual					HISTORIC	
70295	Solids, Fixed	mg/l	Dissolved	Actual		Dry			HISTORIC	
70300	Solids, Dissolved	mg/l	Total	Actual					160.1	
70507	Phosphorus, orthophosphate as P	mg/l	Total	Actual					HISTORIC	
71830	Hydroxide	mg/l	Total	Actual					HISTORIC	
71890	Mercury	ug/l	Dissolved	Actual					HISTORIC	
71900	Mercury	ug/l	Total	Actual					HISTORIC	
71901	Mercury	ug/l	Total	Actual					HISTORIC	
74010	Iron	mg/l	Total	Actual					HISTORIC	
82028	Coliform/Strep Ratio, Fecal	ug/l		Actual					HISTORIC	
82079	Turbidity	NTU		Actual					HISTORIC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LOWCOL	Lower Colorado	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Colorado Dept. of Public Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Escherichia coli	#/100ml	Total	Calculated	MPN				9221-B.1	
	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
	Phosphorus as P	mg/l	Total	Actual					365.1	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					350.1	
	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	
	Zinc	ug/l	Dissolved	Actual					200.8(W)	
	Silver	ug/l	Dissolved	Actual					200.8(W)	
	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
	Selenium	ug/l	Dissolved	Actual					200.8(W)	
	Mercury	ug/l	Dissolved	Actual					245.1	
	Manganese	ug/l	Dissolved	Actual					200.8(W)	
	Lead	ug/l	Dissolved	Actual					200.8(W)	
	Iron	ug/l	Dissolved	Actual					200.7(W)	
	Copper	ug/l	Dissolved	Actual					200.8(W)	
	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
	Solids, Dissolved	mg/l	Filterable	Actual					160.1	
	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					160.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NH3-N	Nitrogen-NH3-N	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NH3-N	Nitrogen, ammonia as N	mg/l	Total	Calculated					HISTORIC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
N_TOTAL	Total Nitrogen	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
OXYSAT	Dissolved Oxygen Saturation	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
OXYSAT	Dissolved oxygen saturation	%		Calculated					HISTORIC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
POT DIS	potentially dissolved	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG_POTDIS	Silver	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
CD_POTDIS	Cadmium	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
CR_POTDIS	Chromium	ug/l	Pot. Dissolved	Actual					POT DISS METAL1	
CU-POTDIS	Copper	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
FE-POTDIS	Iron	ug/l	Pot. Dissolved	Actual					POT DISS METAL1	
MN_POTDIS	Manganese	ug/l	Pot. Dissolved	Actual					POT DISS	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PB_POTDIS	Lead	ug/l	Pot. Dissolved	Actual					METAL2 POT DISS METAL2	
SE_POTDIS	Selenium	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
ZN-POTDIS	Zinc	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RBP2_BDC	Rapid Bioassessment Protocol	Field Msr/Obs	Water				N
Citations		USEPA, 1999, Rapid Bioassessment Protocols for Wadeable Streams and Rivers: Periphyton, Benthic Macroinvertebrates, and Fish, 2nd ed, USEPA, EPA 841/B-99-002					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOW_CLASS	Flow, stream class (choice list)									
RBP2TURB	RBP2, Water Quality, Turbidity									
RBPTURB	Turbidity severity (choice list)									
	Weather Condition (WMO Code 4501) (Choice List)									
	Turbidity									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UNIONNH3	Ammonia, Unionized	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NH3UNION	Ammonia, unionized	mg/l	Total	Calculated					HISTORIC	

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Colorado Dept. of Public Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
N_NH3_N	Nitrogen, ammonia as N	mg/l	Total	Calculated					HISTORIC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WWTP	wwtp	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Solids, Total Suspended (TSS)	mg/l	Total	Actual						
	Solids, Dissolved	mg/l	Total	Actual						
	Phosphorus, phosphate (PO4) as P	mg/l	Total	Actual					365.1	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual						
	Chloride	mg/l	Total	Actual						
	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual						
	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Uranium	pCi/L	Pot. Dissolved	Actual						
	Nickel		Pot. Dissolved	Actual						
	Arsenic	ug/l	Pot. Dissolved	Actual						
	Aluminum	ug/l	Pot. Dissolved	Actual						
	Zinc	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
	Silver	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Selenium	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
	Manganese	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
	Lead	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
	Iron	ug/l	Pot. Dissolved	Actual					POT DISS METAL1	
	Copper	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	
	Chromium	ug/l	Pot. Dissolved	Actual					POT DISS METAL1	
	Cadmium	ug/l	Pot. Dissolved	Actual					POT DISS METAL2	

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21DCBAWQ

District of Columbia Dept of Health, Water Quality Division

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	RBP Habital assessment	Field Msr/Obs					Y
CG-002	General station obervation	Field Msr/Obs	Water				N
CG-003	General Weather Obervation	Field Msr/Obs	Air				N
CG-004	Fish tissue metals	Sample	Biological	Tissue			N
CG-005	Fish measure	Sample	Biological	Taxon Abundance	Fish/Nekton	Single Taxon Individuals	N
CG-006	Water Chemistry -metals	Sample	Water				N
CG-007	Water Chemistry-Nutrients	Sample	Water				N
CG-008	River/Stream Plankton	Sample	Biological	Taxon Abundance	Phytoplankton/Zooplankton	Multi-Taxon Population Census	N
CG-009	Data logger prob, water	Data Logger	Water				N

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21FLA

FL Dept. of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
BACTERIA	Bacteria Sampling	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31501	Fecal Coliform	#/100ml	Total	Actual					9222-B	
31501A	Total Coliform	#/100ml		Actual					9222-B	
31616	Fecal Coliform	#/100ml		Actual					9222-D	
31616A	Fecal Coliform	#/100ml		Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
METALS	Metals Analyses	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00916	Calcium	mg/l	Total	Actual					200.7(W)	
00927	Magnesium	mg/l	Total	Actual					200.7(W)	
00929	Sodium	mg/l	Total	Actual					200.7(W)	
00937	Potassium	mg/l	Total	Actual					200.7(W)	
01002	Arsenic	ug/l	Total	Actual					200.7(W)	
01007	Barium	ug/l	Total	Actual					200.7(W)	
01012	Beryllium	ug/l	Total	Actual					200.7(W)	
01022	Boron	ug/l	Total	Actual					200.7(W)	
01027	Cadmium	ug/l	Total	Actual					200.7(W)	
01034	Chromium	ug/l	Total	Actual					200.7(W)	
01037	Cobalt	ug/l	Total	Actual					200.7(W)	
01042	Copper	ug/l	Total	Actual					200.7(W)	
01045	Iron	ug/l	Total	Actual					200.7(W)	
01051	Lead	ug/l	Total	Actual					200.8(W)	
01055	Manganese	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01059	Thallium	ug/l	Total	Actual					200.7(W)	
01062	Molybdenum	ug/l	Total	Actual					200.7(W)	
01067	Nickel	ug/l	Total	Actual					200.7(W)	
01077	Silver	ug/l	Total	Actual					200.8(W)	
01082	Strontium	ug/l	Total	Actual						
01087	Vanadium	ug/l	Total	Actual					200.7(W)	
01092	Zinc	ug/l	Total	Actual					200.7(W)	
01097	Antimony	ug/l	Total	Actual					200.7(W)	
01102	Tin	ug/l	Total	Actual					200.7(W)	
01105	Aluminum	ug/l	Total	Actual					200.7(W)	
01147	Selenium	ug/l	Total	Actual					200.8(W)	
01152	Titanium	ug/l	Total	Actual					200.7(W)	
1027A	Cadmium	ug/l	Total	Actual					200.8(W)	
71900	Mercury	ug/l	Total	Actual					245.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MRSHNUT	Marshal Cr Nutrient Data	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
3	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
4	Phosphorus as P	mg/l	Total	Actual					365.1	
5	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	

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21FLA **FL Dept. of Environmental Protection**

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
6	Carbon, Total Organic (Toc)	mg/l	Total	Actual					EPA 415.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAAGALGA	RAAG Algal Measurements	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32211	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-G	
32211A	Chlorophyll a, corrected for pheophytin	ug/l		Actual					10200-H	
32218	Pheophytin-a	ug/l		Actual					10200-G	
32223	Chlorophyll a, uncorrected for pheophytin	mg/m2		Actual					10200-H	
32224	Pheophytin-a	mg/m2		Actual						
71260	Phytoplankton	count		Actual					10200-F	
85209	Algal growth potential	mg/l		Actual			14 Day		EPA600/9-78-018	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAAGFM	RAAG Field Measurements	Field Msr/Obs	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	4.00000 - 40.00000 deg C								
00020	Temperature, air	deg C		Actual					170.1	

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FL Dept. of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00021	Temperature, air	deg F		Actual					170.1	
00035	Wind velocity	mph		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00055	Velocity - stream	ft/sec		Actual						
00078	Depth, Secchi Disk Depth	m		Actual					FT1700	
00094	Specific conductance	umho/cm		Actual					120.1	
	Acceptable Range	1.00000 - 60,000.00000 umho/cm								
00299	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.1	
00301	Dissolved oxygen saturation	%	Dissolved	Calculated					360.1	
00400	pH	None		Actual					150.1	
	Acceptable Range	2.00000 - 10.00000 None								
00480	Salinity	ppth		Actual					2520-B	
1	Cloud cover (choice list)									
2	Tide stage (choice list)									
3	Flow, severity (choice list)									
72016	Depth, bottom	ft		Actual						
82903	Depth, bottom	m		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAAGJLM	RAAG Jax Lab Measurements	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU		Actual					180.1	
	Acceptable Range	0.10000 - 1,000.00000 NTU								
00081	Color, Apparent	PCU		Actual					110.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance Acceptable Range	umho/cm 1.00000 - 60,000.00000 umho/cm		Actual				25 Deg C	120.1	
00310	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	405.1	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
00535	Solids, Volatile	mg/l	Volatile	Actual					2540-E	
00540	Solids, Fixed	mg/l	Fixed	Actual					2540-E	
70300	Solids, Dissolved	mg/l	Fixed	Actual					2540-E	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAAGNUT	RAAG Nutrient Measurements	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
2	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
4	Phosphorus as P	mg/l	Total	Actual					365.1	
5	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
STREAM	Stream Level	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Flow, severity (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TALLANLY	Tallahassee Lab Analyses	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
00665	Phosphorus as P	mg/l	Total	Actual					365.1	
00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
00940	Chloride	mg/l	Total	Actual					300(A)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00951	Fluorides	mg/l	Total	Actual					340.2	
70507	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
ABC	ABC Research Coliform	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FCAED	Fecal Coliform	#/100ml	Total	Actual					9221-C	
FCED	Fecal Coliform	#/100ml	Total	Actual					9221-C	
FCMAX	Fecal Coliform	#/100ml	Total	Actual					9222-D	
FCMFX	Fecal Coliform	#/100ml	Total	Actual					9222-E	
TC-EC	Total Coliform	#/100ml	Total	Actual					9221-C	
TCED	Total Coliform	#/100ml	Total	Actual					9221-C	
TCMFX	Total Coliform	#/100ml	Total	Actual					9222-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
STL	stl	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1-1-1-2-TETRACHLORO	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					8260B	
1-1-1-TRICHLOROETHAN	Trichloroethane, 1,1,1-	ug/l	Total	Actual					8260B	
1-1-2-2-TETRACHLORO	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					8260B	
1-1-2-TRICHLOROETHAN	Trichloroethane, 1,1,2-	ug/l	Total	Actual					8260B	
1-1-DICHLOROETHANE	Dichloroethane, 1,1-	ug/l	Total	Actual					8260B	
1-1-	Dichloroethene (all isomers)	ug/l	Total	Actual					8260B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DICHLOROETHENE										
1-1-DICHLOROPROPYLENE	Dichloropropylene	ug/l	Total	Actual					8260B	
1-2-3-TRICHLOROBENZENE	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					8260B	
1-2-3-TRICHLOROPROpane	Trichloropropane, 1,2,3-	ug/l	Total	Actual					8260B	
1-2-4-TRICHLOROBENZENE	1,2,4-Trichlorobenzene	ug/l	Total	Actual					8270B(W)	
1-2-4-TRIMETHYLBENZENE	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					8260B	
1-2-DIBROMO-3-CHLORO	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					8260B	
1-2-DICHLOROBENZENE	1,2-Dichlorobenzene	ug/l	Total	Actual					8260B	
1-2-DICHLOROETHANE	Dichloroethane, 1,2-	ug/l	Total	Actual					8260B	
1-2-DICHLOROPROpane	Dichloropropane, 1,2-	ug/l	Total	Actual					8260B	
1-3-5-TRIMETHYLBENZENE	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					8260B	
1-3-DICHLOROBENZENE	1,3-Dichlorobenzene	ug/l	Total	Actual					8260B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1-3-DICHLOROPROPANE	Dichloropropane, 1,3-	ug/l	Total	Actual					8260B	
1-4-DICHLOROBENZENE	1,4-Dichlorobenzene	ug/l	Total	Actual					8260B	
1-4-DIOXANE	Dioxane, 1,4-	ug/l	Total	Actual					8270B(W)	
2-2-DICHLOROPROPANE	Dichloropropane, 2,2-	ug/l	Total	Actual					8260B	
2-4-5-TRICHLOROPHENOL	Trichlorophenol, 2,4,5-	ug/l	Total	Actual					8270B(W)	
2-4-6-TRICHLOROPHENOL	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					8270B(W)	
2-4-DICHLOROPHENOL	2,4-Dichlorophenol	ug/l	Total	Actual					8270B(W)	
2-4-DIMETHYLPHENOL	2,4-Dimethylphenol	ug/l	Total	Actual					8270B(W)	
2-4-DINITROPHENOL	Dinitrophenol, 2,4-	ug/l	Total	Actual					8270B(W)	
2-4-DINITROTOLUENE	2,4-Dinitrotoluene	ug/l	Total	Actual					8270B(W)	
2-6-DINITROTOLUENE	2,6-Dinitrotoluene	ug/l	Total	Actual					8270B(W)	
2-CHLORONAPHTHALENE	Chloronaphthalene-2	ug/l	Total	Actual					8270B(W)	
2-CHLOROPHENOL	Chlorophenol-2	ug/l	Total	Actual					8270B(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2-CHLOROTOLUENE	Chlorotoluene, 2-	ug/l	Total	Actual					8260B	
2-METHYLNAPHTHALENE	Methylnaphthalene, 2-	ug/l	Total	Actual					8260B	
2-NITROANILINE	Nitroaniline, 2-	ug/l	Total	Actual					8270B(W)	
2-NITROPHENOL	Nitrophenol, 2-	ug/l	Total	Actual					8270B(W)	
3-3'-DICHLOROBENZIDI	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					8270B(W)	
3-METHYLPHENOL/4-MET	Cresol	ug/l	Total	Actual					8270B(W)	
4-BROMOPHENYLPHENYL	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					8270B(W)	
4-CHLORO-3-METHYLPHE	4-Chloro-3-methylphenol	ug/l	Total	Actual					8270B(W)	
4-CHLOROANILINE	Chloroaniline, 4-	ug/l	Total	Actual					8270B(W)	
4-CHLOROPHENYLPHENYL	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					8270B(W)	
4-CHLOROTOLUENE	Chlorotoluene, 4-	ug/l	Total	Actual					8260B	
4-NITROANILINE	p-Nitroaniline	ug/l	Total	Actual					8270B(W)	
4-NITROPHENOL	p-Nitrophenol	ug/l	Total	Actual					8270B(W)	
ACENAPHTHENE	Acenaphthene	ug/l	Total	Actual					8270B(W)	
ACENAPHTHYLENE	Acenaphthylene	ug/l	Total	Actual					8270B(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALINITY	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					310.1	
ALKALINITY (TO PH 4.	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l CaCO3	Total	Actual					2320	
ALUMINUM	Aluminum	mg/l	Total	Actual					200.8(W)	
AMMONIA-N	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	
ANTHRACENE	Anthracene	ug/l	Total	Actual					8270B(W)	
ARSENIC	Arsenic	mg/kg	Total	Actual					6010A	
BENZENE	Benzene	ug/l	Total	Actual					8260B	
BENZIDINE	Benidine	ug/l	Total	Actual					8270B(W)	
BENZO(A)ANTHRACENE	Benzo[a]anthracene	ug/l	Total	Actual					8270B(W)	
BENZO(A)PYRENE	Benzo[a]pyrene	ug/l	Total	Actual					8270B(W)	
BENZO(B)FLUORANTHENE	Benzo[b]fluoranthene	ug/l	Total	Actual					8270B(W)	
BENZO(G-H-I)PERYLENE	Benzo[g,h,i]perylene	ug/l	Total	Actual					8270B(W)	
BENZO(K)FLUORANTHENE	Benzo[k]fluoranthene	ug/l	Total	Actual					8270B(W)	
BENZOIC ACID	Benzoic acid	ug/l	Total	Actual					8270B(W)	
BENZYL ALCOHOL	Benzyl alcohol	ug/l	Total	Actual					8270B(W)	
BIS(2-CHLOROETHOXY)M	bis(2-chloroethoxy) methane	ug/l	Total	Actual					8270B(W)	
BIS(2-CHLOROETHYL)E	bis(2-chloroethyl) ether	ug/l	Total	Actual					8270B(W)	
T										

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BIS(2-ETHYLHEXYL)PHT	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					8270B(W)	
BROMOCHLORO METHANE	Chlorobromomethane	ug/l	Total	Actual					8260B	
BROMODICHLOROMETHANE	Dichlorobromomethane	ug/l	Total	Actual					8260B	
BROMOFORM	Bromoform	ug/l	Total	Actual					8260B	
BROMOMETHANE (METHYL	Methyl bromide	ug/l	Total	Actual					8260B	
BUTYLBENZYLPH THALATE	Butyl benzyl phthalate	ug/l	Total	Actual					8270B(W)	
CALCIUM	Calcium	mg/l	Total	Actual					6010B	
CARBON TETRACHLORIDE	Carbon tetrachloride	ug/l	Total	Actual					8260B	
CHLORIDE	Chloride	mg/l	Dissolved	Actual					325.2	
CHLOROBENZENE	Chlorobenzene	ug/l	Total	Actual					8260B	
CHLOROETHANE	Chloroethane	ug/l	Total	Actual					8260B	
CHLOROFORM	Chloroform	ug/l	Total	Actual					8260B	
CHLOROMETHANE	Methyl chloride	ug/l	Total	Actual					8260B	
CHLOROPHYLL-A	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-H	
CHRYSENE	Chrysene	ug/l	Total	Actual					8270B(W)	
CIS-1,2-DICHLOROETHE	Dichloroethene (all isomers)	ug/l	Total	Actual					8260B	
CIS-1,3-DICHLOROPROP	cis-1,3-Dichloropropene	ug/l	Total	Actual					8260B	
COLOR-APPARENT	Color, Apparent	PCU		Actual					2120-B	
COLOR- TRUE	Color, True	PCU	Total	Actual					110.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DIBENZO(A-H)ANTHRACE	Dibenzo[a,h]anthracene	ug/l	Total	Actual					8270B(W)	
DIBENZOFURAN	Dibenzofuran	ug/l	Total	Actual					8270B(W)	
DIBROMOCHLOROMETHANE	Chlorodibromomethane	ug/l	Total	Actual					8260B	
DIBROMOMETHANE	Dibromomethane	ug/l	Total	Actual					8260B	
DICHLORODIFLUOROMETH	Dichlorodifluoromethane	ug/l	Total	Actual					8260B	
DIETHYLPHTHALATE	Diethyl phthalate	ug/l	Total	Actual					8270B(W)	
DIMETHYLPHTHALATE	Dimethyl phthalate	ug/l	Total	Actual					8270B(W)	
EDB	Ethylene dibromide (EDB)	ug/l	Total	Actual					8260B	
ETHYLBENZENE	Ethylbenzene	ug/l	Total	Actual					8260B	
FECAL COLIFORM	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	
FECAL COLIFORM MT	Fecal Coliform	cfu/100ml	Total	Actual					9221-E	
FLOURIDE	Fluorides	mg/l	Total	Actual					340.2	
FLUORANTHENE	Fluoranthene	ug/l	Total	Actual					8270B(W)	
FLUORENE	Fluorene	ug/l	Total	Actual					8270B(W)	
FORMALDEHYDE	Formaldehyde	ug/l	Total	Actual					8270B(W)	
HEXACHLOROBENZENE	Hexachlorobenzene	ug/l	Total	Actual					8270B(W)	
HEXACHLOROBUTADIENE	Hexachlorobutadiene	ug/l	Total	Actual					8260B	
HEXACHLOROCYCLOPENTADIENE	Hexachlorocyclopentadiene	ug/l	Total	Actual					8270B(W)	
HEXACHLOROETHANE	Hexachloroethane	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
INDENO(1-2-3-CD)PYRE	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					8270B(W)	
IRON	Iron	mg/l	Total	Actual					6010A	
ISOPHORONE	Isophorone	ug/l	Total	Actual					8270B(W)	
LEAD	Lead	mg/l	Total	Actual					6010B	
M&P-XYLENE	Xylenes, m- & p- Mix	ug/l	Total	Actual					8260B	
MAGNESIUM	Magnesium	mg/l	Total	Actual					6010B	
MERCURY	Mercury	mg/l	Total	Actual					7470A	
METHYLENE CHLORIDE	Dichloromethane	ug/l	Total	Actual					8260B	
N-BUTYLBENZENE	Butyl benzene	ug/l	Total	Actual					8260B	
N-NITROSODIMETHYLAMI	Nitrosodimethylamine, n-	ug/l	Total	Actual					8270B(W)	
N-NITROSODIPHENYLAMI	n-Nitrosodiphenylamine	ug/l	Total	Actual					8270B(W)	
N-PROPYLBENZENE	Propylbenzene, n-	ug/l	Total	Actual					8260B	
NAPHTHALENE	Naphthalene	ug/l	Total	Actual					8260B	
NITRATE + NITRITE-N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NITRATE-N	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NITROBENZENE	nitro-Benzene	ug/l	Total	Actual					8270B(W)	
O-CRESOL	Cresol, o-	ug/l	Total	Actual					8270B(W)	
O-XYLENE	Xylene, o-	ug/l	Total	Actual					8260B	
ORGANIC CARBON	Carbon, organic	mg/l	Total	Actual					415.1	
ORTHO	Phosphorus, orthophosphate as	mg/l	Dissolved	Actual					365.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHOSPHATE-P	P									
ORTHO PHOSPHATE-P-U	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.2	
P-CYMENE	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual					8260B	
PENTACHLOROPHENOL	Pentachlorophenol (PCP)	ug/l	Total	Actual					8270B(W)	
PHENANTHRENE	Phenanthrene	ug/l	Total	Actual					8270B(W)	
PHENOL	Phenol	ug/l	Total	Actual					8270B(W)	
PHOSPHORUS-TOTAL	Phosphorus	mg/l	Total	Actual					365.4	365.2/365.3
POTASSIUM	Potassium	mg/l	Total	Actual					6010B	
PYRENE	Pyrene	ug/l	Total	Actual					8270B(W)	
SEC-BUTYLBENZENE	Butylbenzene, sec-	ug/l	Total	Actual					8260B	
SILICON	Silicon as Si	mg/l	Total	Actual					6010A	
SILVER	Silver	mg/l	Total	Actual					6010B	
SODIUM	Sodium	mg/l	Total	Actual					6010A	
SPECIFIC CONDUCTANCE	Specific conductance	umho/cm	Total	Actual					120.1	
STYRENE	Styrene	ug/l	Total	Actual					8260B	
SULFATE AS SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					375.4	
TERT-BUTYLBENZENE	Butylbenzene, tert-	ug/l	Total	Actual					8260B	
TETRACHLOROETHENE	Tetrachloroethylene	ug/l	Total	Actual					8260B	
TOLUENE	Toluene	ug/l		Actual					8260B	
TOTAL COLIFORM MT	Total Coliform	cfu/100ml	Total	Actual					9221-C	
TOTAL	Solids, Dissolved	mg/l	Total	Actual					160.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DISSOLVED SOLI										
TOTAL KJELDAHL NITRO	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	351.2
TOTAL NITROGEN	Nitrogen ion (N)	mg/l	Total	Actual					NTOT	
TRANS-1-2-DICHLOROET	trans-1,2-Dichloroethylene	ug/l	Total	Actual					8260B	
TRANS-1-3-DICHLOROPR	trans-1,3-Dichloropropene	ug/l	Total	Actual					8260B	
TRICHLOROETHENE	Trichloroethylene	ug/l	Total	Actual					8260B	
TRICHLOROFLUOROMETHA	Trichlorofluoromethane	ug/l	Total	Actual					8260B	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	
VINYL CHLORIDE	Vinyl chloride	ug/l	Total	Actual					8260B	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BFAFIELD	BFA Field Parameters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00020	Temperature, air	deg C		Actual						
00032	Cloud cover	%		Estimated						
00035	Wind velocity	mph		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00045	Precipitation	in		Estimated						
00078	Depth, Secchi Disk Depth	m		Actual						
00090	Oxidation reduction potential (ORP)	mV	Total	Actual						
00094	Specific conductance	umho/cm	Total	Actual				25 Deg C		
00299	Dissolved oxygen (DO)	mg/l	Total	Actual						
00400	pH	None	Total	Actual				25 Deg C	STANDARDMETH	
00480	Salinity	ppt	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BFALAB	BFA Laboratory Analysis	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU	Total	Actual					STANDARDMETH	
00080	Color, True	PCU		Actual					STANDARDMETH	

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FL Dept. of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00081	Color, True	PCU	Total	Actual					STANDARDMETH	
00095	Specific conductance	umho/cm	Total	Actual						
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					STANDARDMETH	
00530	Solids, Fixed	mg/l	Total	Actual					STANDARDMETH	
00610	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
00619	Ammonia, unionized	mg/l	Total	Actual						
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	DIG-TKN-TP
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
00665	Phosphorus as P	mg/l	Total	Actual					365.4	DIG-TKN-TP
31501	Total Coliform	#/100ml	Total	Actual					STANDARDMETH	
31616	Fecal Coliform	#/100ml		Actual					STANDARDMETH	
31649	Enterococcus Group Bacteria	#/100ml	Total	Actual					ENT	
32210	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					STANDARDMETH	
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					STANDARDMETH	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BFATEST	BFA Water Quality Testing	Field Msr/Obs	Water				N
Description		Water Quality Parameters for Ambient Monitoring					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00020	Temperature, air	deg C		Actual						
00032	Cloud cover	%		Estimated						
00035	Wind velocity	mph		Estimated						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Estimated						
00076	Turbidity	NTU		Actual						
00078	Depth, Secchi Disk Depth	m		Actual						
00080	Color, True	PCU		Actual						
00090	Oxidation reduction potential (ORP)	mV		Actual						
00095	Specific conductance	umho/cm		Actual				25 Deg C		
00299	Dissolved oxygen (DO)	mg/l		Actual						
00301	Dissolved oxygen saturation	%		Actual						
00310	BOD, Biochemical oxygen demand	mg/l		Actual					STANDARDME TH	
00400	pH	None		Actual						
00480	Salinity	ppt		Actual						
00530	Solids, Total Suspended (TSS)	mg/l		Actual					STANDARDME TH	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual						
00625	Nitrogen, Kjeldahl	mg/l		Actual						
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
00665	Phosphorus as P	mg/l		Actual						
00940	Chloride	mg/l	Total	Actual						
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						
31501	Total Coliform	#/100ml		Estimated					STANDARDME	

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FL Dept. of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31616	Fecal Coliform	#/100ml		Estimated					TH STANDARDME TH	
32210	Chlorophyll a, uncorrected for pheophytin	ug/l	Non-filterable	Actual					STANDARDME TH	
32211	Chlorophyll a, corrected for pheophytin	ug/l	Non-filterable	Actual					STANDARDME TH	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHL-PHAE	ChlA/Pheophytin-SM 10200H MOD	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32210	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					STANDARDME TH	
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					SM10200H MOD	SOP-BB02
32218	Pheophytin-a	ug/l	Total	Actual					SM10200H MOD	SOP-BB02
32219	Pheophytin ratio	ug/l	Total	Actual					SM10200H MOD	SOP-BB02

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21FLBROW Broward Co Dept of Natural Resource Protection (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-002	Quarterly Canal Field Tests	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Specific conductance	umho/cm		Actual					120.1	
2	Dissolved oxygen (DO)	mg/l	Total	Actual					360.1	
3	pH	None	Total	Actual					150.1	
4	Temperature, water	deg C		Actual					170.1	
5	Salinity	ppth	Total	Actual					2520-B	
	Acceptable Range	0.00000 - 55.00000 ppth								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-003	Canal Bacteria	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Fecal Coliform	#/100ml	Total	Actual					9222-D	P001
2	Total Coliform	#/100ml	Total	Actual					9222-B	P001

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-004	CANAL NUTRIENTS & TOC	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
2	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
3	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					350.1	

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Broward Co Dept of Natural Resource Protection (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
5	Phosphorus as P	mg/l	Total	Actual					365.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-005	CANAL ORTHOPHOSPHATE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-006	PIGMENTS	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chlorophyll a, corrected for pheophytin	mg/m3	Filterable	Actual					10200-H	
	Acceptable Range	0.00000 - 200.00000 mg/m3								
2	Pheophytin-a	mg/m3	Filterable	Actual					10200-H	
	Acceptable Range	0.00000 - 200.00000 mg/m3								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-007	CANAL TURBIDITY	Sample	Water				N

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Broward Co Dept of Natural Resource Protection (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Turbidity	NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
CG-008	Copper	Sample	Water				N	
	Citations	USEPA, 1996, Method 1637: Determination of Trace Elements in Ambient Waters by Chelation Preconcentration with GFAA., USEPA, EPA 821/R-96-004						
	Description	Trace metals (copper) - MIBK Extraction, GFAA Analysis. Used for the determination of TMDLs by Florida Department of Environmental Protection.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Copper	ug/l	Total	Actual					220.2	P004
	Acceptable Range	0.00000 - 100.00000 ug/l								

Characteristic Group Details

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21FLCBA

Choctawhatchee Basin Alliance (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	ANALYTES MEASURED IN THE FIELD	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
%S-1	Dissolved oxygen saturation	%	Total	Actual						
%S-2	Dissolved oxygen saturation	%	Total	Actual						
D1	Depth	ft		Actual						
D2	Depth	ft		Actual						
DO-1	Dissolved oxygen (DO)	mg/l	Total	Actual						
DO-2	Dissolved oxygen (DO)	mg/l	Total	Actual						
PH1	pH	None	Total	Actual						
PH2	pH	None	Total	Actual						
S.D.	Depth, Secchi Disk Depth	ft		Actual						
S1	Salinity	ppt	Total	Actual						
S2	Salinity	ppt	Total	Actual						
SD_READ	Depth, Secchi Disk Depth (Choice List)									
T1	Temperature, water	deg F		Actual						
T2	Temperature, water	deg F		Actual						
TR1	Turbidity	NTU		Actual						
TR2	Turbidity	NTU		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAB	ANALYTES TESTED IN LAB	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, uncorrected for	ug/l	Total	Actual					10200-H	

Characteristic Group Details

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21FLCBA

Choctawhatchee Basin Alliance (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pheophytin									
TN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	ug/l	Total	Actual					4500-NO3(F)	
TP	Phosphorus as P	ug/l	Total	Actual					LAKEWATCH_ TP	

Characteristic Group Details

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21FLCEN

Florida Department of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTERIA	E. coli and Enterococci	Sample	Water				N

Citations USEPA, 1985, Test Method for E. Coli and Enterococci in Water by the Membr. Filter Procedure, Methods 1103.1 and 1106.1, USEPA, EPA 600/4-85-076

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31648	Escherichia	#/100ml	Total	Actual					HISTORICAL	
31649	Enterococcus Group Bacteria	#/100ml	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DISTRICT	Analyzed by District Lab	Sample	Water				N

Description This group consists of water quality parameters analyzed by the Central District Laboratory.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31501	Total Coliform	#/100ml	Total	Actual					9222-B	
	Acceptable Range	1.00000 - 4,000.00000 #/100ml								
31616	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Acceptable Range	1.00000 - 4,000.00000 #/100ml								
32211	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
32218	Pheophytin-a	ug/l	Total	Actual					10200-H	
400	pH	None		Actual					150.1	
410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
	Acceptable Range	2.00000 - 500.00000 mg/l								
46460	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	
671	Phosphate	mg/l	Dissolved	Actual					365.1	
80	Color, True	PCU		Actual					110.2	
	Acceptable Range	5.00000 - 40.00000 PCU								
82079	Turbidity	NTU		Actual					180.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
	Acceptable Range	0.10000 - 20.00000 NTU									
900	Hardness, Ca + Mg	mg/l	Total	Actual					130.2		
	BOD, Biochemical oxygen demand										
	Sulfur, sulfate (SO4) as SO4 Chloride										

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	HydroLab Measurements	Field Msr/Obs	Water				N

Description This group contains water quality measurements performed in-field by multi-probe instrument.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth, bottom	m		Actual						
10	Temperature, water	deg C		Actual						
299	Dissolved oxygen (DO)	mg/l		Actual						
400	pH	None		Actual						
480	Salinity	ppt		Actual						
78	Depth, Secchi Disk Depth	m		Actual						
94	Specific conductance	umho/cm		Actual					120.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-1	Metals Analyses	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CU	Copper	ug/l	Total Recovrble	Actual					200.8(W)	
FE	Iron	ug/l	Total Recovrble	Actual						
MG	Magnesium	mg/l	Total Recovrble	Actual					200.8(W)	
MN	Manganese	ug/l	Total Recovrble	Actual					200.8(W)	
NI	Nickel	ug/l	Total Recovrble	Actual					200.8(W)	
PB	Lead	ug/l	Total Recovrble	Actual					200.8(W)	
ZN	Zinc	ug/l	Total Recovrble	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-2	Metals Analyses	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
916	Calcium	mg/l	Total Recovrble	Actual						
927	Magnesium	mg/l	Total Recovrble	Actual					200.8(W)	
929	Sodium	mg/l	Total Recovrble	Actual					200.8(W)	
937	Potassium	mg/l	Total Recovrble	Actual						

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Florida Department of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
OTHER	catch-all category	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PARTCLSZ	Particle Size	Sample	Sediment				N

Description This group contains analyses for sediment particle size and performed by the Central Laboratory in Tallahassee.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
80250	Particle distribution	% by wt		Actual						
	Acceptable Range	0.00000 - 100.00000	% by wt		Particle Size Basis		laser measurement (<0.063mm)			
80251	Particle distribution	% by wt		Actual						
	Acceptable Range	0.00000 - 100.00000	% by wt		Particle Size Basis		laser measurement (0.063 - 0.125 mm)			
80252	Particle distribution	% by wt		Actual						
	Acceptable Range	0.00000 - 100.00000	% by wt		Particle Size Basis		laser measurement (0.125 - 0.25 mm)			
80253	Particle distribution	% by wt		Actual						
	Acceptable Range	0.00000 - 100.00000	% by wt		Particle Size Basis		laser measurement (0.25-0.5mm)			
80254	Particle distribution	% by wt		Actual						
	Acceptable Range	0.00000 - 100.00000	% by wt		Particle Size Basis		laser measurement (0.5-2.0mm)			
80256	Particle distribution	% by wt		Actual		Dry				
	Acceptable Range	0.00000 - 100.00000	% by wt		Particle Size Basis		laser measurement (>2.0 mm)			

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TALLAB	Analyzed by Tallahassee Lab	Sample	Water				N

Description This group consists of nutrient analyses performed by the Central Laboratory in Tallahassee.

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21FLCEN

Florida Department of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
665	Phosphorus	mg/l	Total	Actual						
85209	Algal growth potential	mg/l		Actual						
940	Chloride	mg/l	Total	Actual						
945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WEATHER	Weather conditions at site	Field Msr/Obs	Air				N

Description This group contains parameters for atmospheric observations and measurements at time of sampling event.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20	Temperature, air	deg C		Actual						
32	Cloud cover (choice list)									
35	Wind velocity	mph		Estimated						
36	Wind direction (direction from, expressed 0-360 deg)	Deg		Estimated						
	Cloud type (choice list)									

Characteristic Group Details

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21FLCHAR FDEP Charlotte Harbor Aquatic/Buffer Preserves

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-FIELD	Field Parameters	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Temperature, water	deg C		Actual						
299	Dissolved oxygen (DO)	mg/l	Total	Actual					SM 4500-OC	
480	Salinity	ppt	Total	Actual						
76	Stream stage height	ft		Actual						
78	Depth, Secchi Disk Depth	m		Actual						
SECCHI	Depth, Secchi Disk Depth (Choice List)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-LAB	Laboratory Parameters	Sample	Water				N			
Description										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31616	Fecal Coliform	#/100ml	Total	Estimated					SM 9222D	
32211	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Calculated					SM 10200H	
600	Nitrogen ion (N)	mg/l	Total	Calculated					EPA 351.2+353.2	
665	Phosphorus as P	mg/l	Total	Calculated					365.4	
81	Color, True	PCU		Estimated					SM 2121B	

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21FLCMP

FL Dept. of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-FLD	Field Parameters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00020	Temperature, air	deg C		Actual						
00032	Cloud cover	%		Actual						
00035	Wind velocity	mph		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00045	Precipitation	in		Estimated						
00078	Depth, Secchi Disk Depth	m		Actual						
00299	Dissolved oxygen (DO)	mg/l		Actual					CHEMETSDO	
00480	Salinity	ppt	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-LAB	Laboratory Analysis	Sample	Water				N

Description Water quality parameters from laboratory analysis-Lab ID 31887 (NELAC Certificate No.)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU		Actual					STANDARDME THODS	
00080	Color, True	PCU		Actual					CHEM	
00095	Specific conductance	umho/cm		Actual				25 Deg C	STANDARDME THODS	
00310	BOD, Biochemical oxygen demand	mg/l		Actual				20 Deg C	STANDARDME THODS	
00403	pH	None		Actual				25 Deg C	STANDARDME THODS	

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21FLCMP

FL Dept. of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
Acceptable Range		6.50000 - 8.50000 None								
00480	Salinity	ppt	Total	Actual					CHEM	
00530	Solids, Total Suspended (TSS)	mg/l		Actual		Dry			STANDARDME THODS	
00610	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
00625	Nitrogen, Kjeldahl	mg/l		Actual					351.2	
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
00665	Phosphorus as P	mg/l		Actual					365.3	
31616	Fecal Coliform	#/100ml	Total	Estimated			24 Hours		STANDARDME THODS	
Acceptable Range		0.00000 - 800.00000 #/100ml								
31649	Enterococcus Group Bacteria	#/100ml	Total	Actual					ENT	
32210	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					STANDARDME THODS	
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					STANDARDME THODS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TKN	tkn	Field Msr/Obs	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00625	Nitrogen, Kjeldahl	ppm	Total	Actual						

Characteristic Group Details

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21FLCOLL

Collier County Pollution Control (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ANALYTES	LABORATORY ANALYTES	Sample	Water				N

Citations Gail G. Gibson, Raymond Smith, 1995, Comprehensive Quality Assurance Plan, Collier County Government Pollution Control Department, Volume 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU		Actual					LKTRAFF	
00084	Color, True	PCU		Actual					LKTRAFF	
00095	Specific conductance	umho/cm		Actual					LKTRAFF	
00301	Dissolved oxygen saturation	mg/l	Dissolved	Actual						
00310	BOD, Biochemical oxygen demand	mg/l		Actual					LKTRAFF	
00403	pH	None		Actual					LKTRAFF	
00410	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					LKTRAFF	
00430	Alkalinity, Carbonate as CaCO3	mg/l		Actual					LKTRAFF	
00449	Bicarbonate	mg/l		Actual						
00530	Solids, Total Suspended (TSS)	mg/l		Actual					LKTRAFF	
00600	Nitrogen ion (N)	mg/l	Total	Actual						
00605	Nitrogen, organic	mg/l		Actual						
00610	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					LKTRAFF	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					LKTRAFF	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					LKTRAFF	
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					LKTRAFF	
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
00640	Nitrogen, inorganic	mg/l		Actual						
00650	Phosphorus	mg/l	Total	Actual					LKTRAFF	
00660	Phosphorus, orthophosphate as	mg/l	Filterable	Actual					LKTRAFF	

Characteristic Group Details

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21FLCOLL

Collier County Pollution Control (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	PO4									
00665	Phosphorus as P	mg/l	Total	Actual						
00670	Phosphorus, organic as P	mg/l		Actual						
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					LKTRAFF	
00916	Calcium	mg/l	Total	Actual					LKTRAFF	
00927	Magnesium	mg/l	Total	Actual					LKTRAFF	
00929	Sodium	mg/l	Total	Actual					LKTRAFF	
00937	Potassium	mg/l	Total	Actual						
00940	Chloride	mg/l	Total	Actual						
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						
00951	Fluorides	mg/l	Total	Actual					LKTRAFF	
00955	Silicate	mg/l		Actual					LKTRAFF	
00956	Silicate	mg/l		Actual						
01000	Arsenic	ug/l	Dissolved	Actual					LKTRAFF	
01022	Arsenic	ug/l	Total	Actual					LKTRAFF	
01025	Cadmium	ug/l	Dissolved	Actual					LKTRAFF	
01027	Cadmium	ug/l	Total	Actual					LKTRAFF	
01030	Chromium	ug/l	Dissolved	Actual					LKTRAFF	
01034	Chromium	ug/l	Total	Actual					LKTRAFF	
01040	Copper	ug/l	Dissolved	Actual					LKTRAFF	
01042	Copper	ug/l	Total	Actual					LKTRAFF	
01045	Iron	mg/l	Total	Actual					LKTRAFF	
01049	Lead	ug/l	Dissolved	Actual					LKTRAFF	
01051	Lead	ug/l	Total	Actual					LKTRAFF	
01090	Zinc	ug/l	Dissolved	Actual						
01092	Zinc	ug/l	Total	Actual						
01100	Tin	ug/l	Dissolved	Actual					LKTRAFF	

Characteristic Group Details

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21FLCOLL

Collier County Pollution Control (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31501	Total Coliform	#/100ml	Total	Actual					LKTRAFF	
31616	Fecal Coliform	#/100ml	Total	Actual					LKTRAFF	
31626	Streptococcus	#/100ml	Total	Actual					LKTRAFF	
46570	Hardness, carbonate	mg/l	Total	Actual					LKTRAFF	
49125	Chlorophyll a, corrected for pheophytin	mg/m3		Actual					LKTRAFF	
49179	Nitrogen, ammonium (NH4) as NH4	mg/l		Actual						
70300	Solids, Dissolved	mg/l		Actual					LKTRAFF	
71890	Mercury	ug/l	Dissolved	Actual					LKTRAFF	
71900	Mercury	ug/l	Total	Actual					LKTRAFF	
82076	Turbidity	NTU		Actual						
85581	Pheophytin-a	mg/m3		Actual					LKTRAFF	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	FIELD OBSERVATIONS	Field Msr/Obs	Water				N
Citations		Gail G. Gibson, Raymond Smith, 1995, Comprehensive Quality Assurance Plan, Collier County Government Pollution Control Department, Volume 1					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					LKTRAFF	
00060	Flow	cfs		Actual					LKTRAFF	
00065	Elevation, water surface, MSL	ft		Actual					LKTRAFF	
00078	Depth, Secchi Disk Depth	m		Actual					LKTRAFF	
00094	Specific conductance	umho/cm		Actual					LKTRAFF	
00098	Depth	m		Actual						
00299	Dissolved oxygen (DO)	mg/l		Actual					LKTRAFF	

Characteristic Group Details

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21FLCOLL

Collier County Pollution Control (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00400	pH	None		Actual						
00402	Specific conductance	umho/cm		Actual					LKTRAFF	
00406	pH	None		Actual					LKTRAFF	
00480	Salinity	ppt		Actual					LKTRAFF	
47501	Weather Comments (text)								LKTRAFF	
82903	Depth, bottom	m		Actual						
84141	Lake condition (choice list)								LKTRAFF	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDIMENT	SEDIMENT ANALYTES	Sample	Sediment				N
Citations	USEPA, 1992, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Final Update I., USEPA, SW-846_I						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ABHC	BHC-alpha	ug/kg	Total	Actual					LKTRAFF	
ACETHENE	Acenaphthene	ug/kg		Actual					LKTRAFF	
ALDRIN	Aldrin	ug/kg		Actual					LKTRAFF	
ANTHRACE	Anthracene	ug/kg	Total	Actual					LKTRAFF	
ATHYLENE	Acenaphthylene	ug/kg	Total	Actual					LKTRAFF	
AZINPHOS	Azinphos-ethyl	ug/kg	Total	Actual					LKTRAFF	
BBHC	BHC-beta	ug/kg		Actual					LKTRAFF	
BENAANTH	Benzo[a]anthracene	ug/kg	Total	Actual						
BENAPYRE	Benzo[a]pyrene	ug/kg	Total	Actual					LKTRAFF	
BENBFLUO	Benzo[b]fluoranthene	ug/kg	Total	Actual					LKTRAFF	
BENKFLUO	Benzo[k]fluoranthene	ug/kg	Total	Actual					LKTRAFF	
BGHIPERY	Benzo[g,h,i]perylene	ug/kg	Total	Actual					LKTRAFF	

Characteristic Group Details

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21FLCOLL

Collier County Pollution Control (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORDAN	Chlordane	ug/kg	Total	Actual					LKTRAFF	
CHLPYRIF	Chlorpyrifos-methyl	ug/kg	Total	Actual					LKTRAFF	
CHRYSENE	Chrysenes C1-C4	ug/kg	Total	Actual					LKTRAFF	
DBHC	BHC-delta	ug/kg		Actual					LKTRAFF	
DEMETON	Demeton	ug/kg	Total	Actual					LKTRAFF	
DIAZINON	Diazinon	ug/kg	Total	Actual					LKTRAFF	
DIBAHANT	Dibenzo[a,h]anthracene	ug/kg	Total	Actual					LKTRAFF	
DIELDRIN	Dieldrin	ug/kg		Actual					LKTRAFF	
DISULFOT	Disulfoton	ug/kg	Total	Actual					LKTRAFF	
ENALDEHY	Endrin Aldehyde	ug/kg		Actual					LKTRAFF	
ENDOSUL1	Endosulfan, alpha-	ug/kg		Actual					LKTRAFF	
ENDOSUL2	Endosulfan, beta-	ug/kg		Actual					LKTRAFF	
ENDRIN	Endrin	ug/kg		Actual					LKTRAFF	
ESULFATE	Endosulfan Sulfate	ug/kg		Actual					LKTRAFF	
ETHION	Ethion	ug/kg	Total	Actual					LKTRAFF	
FANTHENE	Fluoranthenes, C1-C4	ug/kg	Total	Actual					LKTRAFF	
FLUORENE	Fluorenes, C1-C3	ug/kg	Total	Actual					LKTRAFF	
GBHC	BHC-gamma (Lindane)	ug/kg		Actual					LKTRAFF	
HEPTCHLR	Heptachlor	ug/kg		Actual					LKTRAFF	
HEPTEPOX	Heptachlor epoxide	ug/kg		Actual					LKTRAFF	
INDPYREN	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual					LKTRAFF	
MALATHIO	Malathion	ug/kg	Total	Actual					LKTRAFF	
METHNAP1	Methylnaphthalene, 1-	ug/kg	Total	Actual					LKTRAFF	
METHNAP2	Methylnaphthalene, 2-	ug/kg	Total	Actual					LKTRAFF	
METHOXYC	Methoxychlor	ug/kg		Actual					LKTRAFF	
NAPHTHAL	Naphthalene	ug/kg	Total	Actual					LKTRAFF	
PARAETHY	Parathion	ug/kg	Total	Actual					LKTRAFF	

Characteristic Group Details

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21FLCOLL

Collier County Pollution Control (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARAMETH	Methyl parathion	ug/kg	Total	Actual					LKTRAFF	
PCB1016	Pcb-aroclor 1016	ug/kg	Total	Actual					LKTRAFF	
PCB1221	Pcb-aroclor 1221	ug/kg	Total	Actual					LKTRAFF	
PCB1232	Pcb-aroclor 1232	ug/kg	Total	Actual					LKTRAFF	
PCB1242	Pcb-aroclor 1242	ug/kg	Total	Actual					LKTRAFF	
PCB1248	Pcb-aroclor 1248	ug/kg	Total	Actual					LKTRAFF	
PCB1254	Pcb-aroclor 1254	ug/kg	Total	Actual					LKTRAFF	
PCB1260	Pcb-aroclor 1260	ug/kg	Total	Actual					LKTRAFF	
PHENANTH	Phenanthrenes, C1-C4	ug/kg	Total	Actual					LKTRAFF	
PPDDD	DDD ***retired*** (use DDD, p,p')	ug/kg		Actual					LKTRAFF	
PPDDE	DDE ***retired*** (use DDE, p,p')	ug/kg		Actual					LKTRAFF	
PPDDT	DDT ***retired*** (use DDT, p,p')	ug/kg		Actual					LKTRAFF	
PYRENE	Pyrene	ug/kg	Total	Actual					LKTRAFF	
SEDAG	Silver	mg/kg	Total	Actual					LKTRAFF	
SEDAL	Aluminum	mg/kg	Total	Actual					LKTRAFF	
SEDAS	Arsenic	mg/kg	Total	Actual					LKTRAFF	
SEDCD	Cadmium	mg/kg	Total	Actual					LKTRAFF	
SEDCR	Chromium	mg/kg	Total	Actual					LKTRAFF	
SEDCU	Copper	mg/kg	Total	Actual					LKTRAFF	
SEDFE	Iron	mg/kg	Total	Actual					LKTRAFF	
SEDH2S	Hydrogen sulfide	mg/kg	Total	Actual					LKTRAFF	
SEDMN	Manganese	mg/kg	Total	Actual					LKTRAFF	
SEDNH3	Nitrogen, ammonia (NH3) as NH3	mg/kg		Actual					LKTRAFF	
SEDNI	Nickel	mg/kg	Total	Actual					LKTRAFF	

Characteristic Group Details

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21FLCOLL

Collier County Pollution Control (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SEDORGC	Carbon, Total Organic (Toc)	mg/kg	Total	Actual					LKTRAFF	
SEDORGN	Nitrogen, Kjeldahl	mg/kg	Total	Actual					LKTRAFF	
SEDOSN	Tin	mg/kg	Total	Actual					LKTRAFF	
SEDPB	Lead	mg/kg	Total	Actual					LKTRAFF	
SEDSB	Antimony	mg/kg	Total	Actual					LKTRAFF	
SEDSE	Selenium	mg/kg	Total	Actual					LKTRAFF	
SEDSI	Silicon as Si	mg/kg	Total	Actual					LKTRAFF	
SEDTL	Thallium	mg/kg	Total	Actual					LKTRAFF	
SEDTPO4	Phosphorus as P	mg/kg	Total	Actual					LKTRAFF	
SEDZN	Zinc	mg/kg	Total	Actual					LKTRAFF	
TOXAPHEN	Toxaphene	ug/kg		Actual					LKTRAFF	

Characteristic Group Details

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21FLDADE

Dade Environmental Resource Management (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DERM SOP	SOP	Sample	Water				N
	Citations	DERM QAP, 1991, SOP, DERM, 1					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SOP	Field SOP	Field Msr/Obs	Water				N

Characteristic Group Details

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21FLEECO

Lee County (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
NUTRIENT	Nutrients	Sample	Water						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NH3	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
NOX	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
O-PO4	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					365.1	
T-PO4	Phosphorus	mg/l	Total	Actual					365.1	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	

Characteristic Group Details

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21FLFTM

Florida Department of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELD	field measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	0.00000 - 50.00000 deg C								
299	Dissolved oxygen (DO)	mg/l	Total	Actual					4500-O-G	
	Acceptable Range	0.00000 - 20.00000 mg/l								
400	pH	None	Total	Actual					4500-H	
	Acceptable Range	1.00000 - 14.00000 None								
70300HYD	Solids, Dissolved	mg/l	Total	Actual					2540-C	
	Acceptable Range	0.00000 - 5,000.00000 mg/l								
78	Depth, Secchi Disk Depth	m		Actual						
	Acceptable Range	0.00000 - 20.00000 m								
94	Specific conductance	uS/cm		Actual					2510	
	Acceptable Range	0.00000 - 60,000.00000 uS/cm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAB	lab measurements	Sample	Water				N

Citations USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1002	Arsenic	ug/l	Total	Actual					200.7(W)	
1027	Cadmium	ppb	Total	Actual					200.8(W)	
1034	Chromium	ug/l	Total	Actual					200.7(W)	
1042	Copper	ug/l	Total	Actual					200.7(W)	
1045	Iron	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000.00000 ug/l								
1051	Lead	ug/l	Total	Actual					200.7(W)	

Characteristic Group Details

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21FLFTM

Florida Department of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1055	Manganese	ppb	Total	Actual					200.7(W)	
1067	Nickel	ppb	Total	Actual					200.7(W)	
1092	Zinc	ug/l	Total	Actual					200.7(W)	
1105	Aluminum	ug/l	Total	Actual					202.1	
	Acceptable Range	0.00000 - 1,000.00000 ug/l								
310	BOD, nitrogenous	mg/l	Total	Actual			5 Day	20 Deg C		
	Acceptable Range	0.00000 - 500.00000 mg/l								
31501	Total Coliform	#/100ml	Filterable	Actual			24 Hours		9222-B	
	Acceptable Range	0.00000 - 5,000.00000 #/100ml								
31616	Fecal Coliform	#/100ml	Filterable	Actual			24 Hours		9222-D	
	Acceptable Range	0.00000 - 1,000.00000 #/100ml								
32211	Chlorophyll a, uncorrected for pheophytin	ug/l	Suspended	Actual					10200-H	
	Acceptable Range	0.00000 - 50.00000 ug/l								
32218	Pheophytin-a	ug/l	Total	Actual						
	Acceptable Range	0.00000 - 100.00000 ug/l								
39033	Atrazine	ug/l	Total	Actual					614	
39055	Simazine	ug/l	Total	Actual					614	
39398	Ethion	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
39530	Malathion	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 1,000.00000 ug/l								
39570	Diazinon	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 1,000.00000 ug/l								
400	pH	None	Total	Actual						
	Acceptable Range	0.00000 - 14.00000 None								
403	pH	None	Total	Actual						
410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 100.00000 mg/l								
530	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual		Wet			160.2	

Characteristic Group Details

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21FLFTM

Florida Department of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 5,000.00000 mg/l								
610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 mg/l								
615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
625	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 5.00000 mg/l								
630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.3	
	Acceptable Range	0.00000 - 5.00000 mg/l								
665	Phosphorus as P	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 5.00000 mg/l								
665-PO4	Phosphorus as PO4	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 5.00000 mg/l								
671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
	Acceptable Range	0.00000 - 500.00000 mg/l								
70300	Solids, Fixed	mg/l	Dissolved	Actual		Wet	24 Hours		2540-C	
	Acceptable Range	0.00000 - 5,000.00000 mg/l								
71260D	Phytoplankton	count	Suspended	Actual						
71260W	Phytoplankton	count	Total	Actual						
71900	Mercury	ug/l	Total	Actual					245.2	
76	Turbidity	NTU	Total	Actual						
	Acceptable Range	0.00000 - 500.00000 NTU								
78064	Norflurazon	ug/l	Total	Actual						
80	Color, True	PCU	Total	Actual					110.2	
	Acceptable Range	0.00000 - 800.00000 PCU								
81	Color, Apparent	PCU	Total	Actual					110.2	
82198	Bromacil	ug/l	Total	Actual					614	

Characteristic Group Details

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21FLFTM

Florida Department of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
85209	Algal growth potential	mg/l	Total	Actual						
916	Calcium	ug/l	Total	Actual					200.7(W)	
927	Magnesium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
929	Sodium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 500.00000 mg/l								
937	Potassium	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
94	Specific conductance	mS/cm	Total	Actual						
	Acceptable Range	0.00000 - 75,000.00000 mS/cm								
940	Chloride	mg/l	Total	Actual					4500-CL-(B)	
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 500.00000 mg/l								
951	Fluorides	mg/l	Total	Actual					340.2	
ALPHA	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual						
BETA	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual						

Characteristic Group Details

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21FLGCWW

Gilchrist County Well Watch (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
F001	Field measurements	Field Msr/Obs	Water				N

Description Field instrument measurement

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Depth, Secchi Disk Depth									
	Specific conductance									
	Dissolved oxygen (DO)									
	pH									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
S001	Well evaluation	Sample	Water				N

Description Coliform and nitrate sampling

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Fecal Coliform	#/100ml	Total	Actual						
	Acceptable Range	0.00000 - 1.00000	#/100ml							
2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l - N	Total	Actual						
	Acceptable Range	0.00000 - 10.00000	mg/l - N							
3	Specific conductance	uS/cm		Actual				25 Deg C		
4	pH	None	Total	Actual						
5	Hardness, Ca + Mg	mg/l		Actual						
6	Nitrogen, Nitrite (NO2) as NO2	mg/l - N	Total	Actual						
	Acceptable Range	0.00000 - 1.00000	mg/l - N							
7	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 10.00000	mg/l							
8	Iron	mg/l	Total	Actual					8008	

Characteristic Group Details

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21FLGCWW

Gilchrist County Well Watch (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 0.30000 mg/l								

Characteristic Group Details

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21FLGFWF

Florida Fish and Wildlife Conservation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-001	Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					2320 FIELD	
10	Dissolved oxygen (DO)	mg/l		Actual					4500-O-B	
11	Oxidation reduction potential (ORP)	mV		Actual					2580	
12	Depth, Secchi Disk Depth (Choice List)								STATION OBS	
2	Depth, bottom	m		Actual					STATION OBS	
3	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
4	pH	None		Actual					4500-H	
5	Depth, Secchi Disk Depth	m		Actual					STATION OBS	
6	Specific conductance	umho/cm		Actual				25 Deg C	2510	
7	Temperature, water	deg C		Actual					2550	
8	General Observation (text)									
9	Specific conductance	umho/cm		Actual					2510	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-002	Water Chemistry - Biochemical	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chlorophyll a, corrected for pheophytin	ug/l		Actual					10200-H	
2	Chlorophyll/Pheophytin ratio	ug/l		Actual					10200-H	
3	Pheophytin-a	ug/l	Total	Actual					10200-H	

Characteristic Group Details

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21FLGFWF

Florida Fish and Wildlife Conservation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	Water Chemistry - Inorganic	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					310.1	
2	Chloride	mg/l	Total	Actual					9212	
3	Fluorides	mg/l	Total	Actual					4500-F-C	
4	Hardness, carbonate	mg/l		Calculated					2340-B	
5	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					375.4	
6	Tannin and Lignin	mg/l		Actual					5550-B	
7	Solids, Total	mg/l		Actual					2540-B	
8	Turbidity	NTU		Actual					2130	
9	pH	None		Actual					4500-H	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	Water Chemistry - Total Metals	Sample	Water				N

Description Ca, Mg, K, Na, Fe in unfiltered, non-digested whole water sample.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Calcium	mg/l	Total	Actual					3111-B	
2	Iron	mg/l	Total	Actual					3500-FE(D)	
3	Magnesium	mg/l	Total	Actual					3111-B	
4	Potassium	mg/l	Total	Actual					3111-B	
5	Sodium	mg/l	Total	Actual					3111-B	

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21FLGFWF

Florida Fish and Wildlife Conservation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
CG-005	Water Chemistry - Nutrients	Sample	Water						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					419-D	
10	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					4500-NH3-B,C	4500-NH3(B)
2	Nitrogen, ammonia as N	mg/l	Total	Actual					4500-NH3-B,C	4500-NH3(B)
3	Nitrogen, organic	mg/l		Actual					4500-NORG-B	
4	Nitrogen, Kjeldahl	mg/l		Actual					4500-NOR(B)	
5	Phosphorus as P	ug/l		Actual					4500-P-D	4500-P-B(5)
6	Phosphorus as PO4	mg/l		Actual					4500-P-D	4500-P-B(5)
7	Phosphorus, orthophosphate as P	ug/l		Actual					4500-P-D	4500-P-B(1)
8	Phosphorus, orthophosphate as PO4	mg/l		Actual					4500-P-D	4500-P-B(1)
	Acceptable Range	0.04000 - 1.00000 mg/l								
9	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					419-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
CG-006	Station Weather Observations	Field Msr/Obs	Air							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, air	deg C		Actual					STATION WEATHER	
2	Temperature, air	deg F		Actual					STATION WEATHER	

Characteristic Group Details

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21FLGW

FL Dept. of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	field measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Temperature, water	deg C		Actual					170.1	
78	Depth, Secchi Disk Depth	m		Actual						
94	Specific conductance	uS/cm		Actual					120.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GENERAL	FDEP Characteristics	Sample	Water				N

Characteristic Group Details

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21FLHILL

Hillsborough County Environmental (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	Ambient Monitoring Field	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND_M	Specific conductance	uS/cm		Actual					CONDUCTANCE	
DEPTH_B	Depth, bottom	m		Actual					DEPTHDP	
DO_M	Dissolved oxygen (DO)	mg/l		Actual					DO	
PH_M	pH	None		Actual					PH	
SAL_M	Salinity	PSS		Actual					SALINITY	
SECCHI	Depth, Secchi Disk Depth	m		Actual					SECCHI	
SECCHI1	Depth, Secchi Disk Depth (Choice List)									
TEMP_AIR	Temperature, air	deg C		Actual					AIRTEMP	
T_WAT_M	Temperature, water	deg C		Actual					2550	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD_B	FIELD MEASUREMENTS-BOTTOM	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND_B	Specific conductance	uS/cm		Actual					CONDUCTANCE	
DO_B	Dissolved oxygen (DO)	mg/l		Actual					DO	
PH_B	pH	None		Actual					PH	
SAL_B	Salinity	ppt		Actual					SALINITY	
T_WAT_B	Temperature, water	deg C		Actual					2550	

Characteristic Group Details

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21FLHILL

Hillsborough County Environmental (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD_T	FIELD MEASUREMENTS - TOP	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND_T	Specific conductance	uS/cm		Actual					CONDUCTANCE	
DO_T	Dissolved oxygen (DO)	mg/l		Actual					DO	
PH_T	pH	None		Actual					PH	
SAL_T	Salinity	ppt		Actual					SALINITY	
T_WAT_T	Temperature, water	deg C		Actual					2550	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAB	Ambient Monitoring-Lab Results	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ARSENIC	Arsenic	ug/l	Total	Actual					200.7(W)	
BOD_5	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	5210-B	
CA	Calcium	mg/l	Total	Actual					215.1	3030-E
CADMIUM	Cadmium	ug/l	Total	Actual					200.7(W)	3030-E
CHL A CORR	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	
CHL_A	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-H	
	Acceptable Range	0.00000 - 200.00000 ug/l								
CHL_B	Chlorophyll-b	ug/l	Total	Actual					10200-H	
CHL_C	Chlorophyll-c	ug/l	Total	Actual					10200-H	
CHL_T	Chlorophyll (a+b+c)	ug/l	Total	Calculated					10200-H	

Characteristic Group Details

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21FLHILL

Hillsborough County Environmental (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 200.00000 ug/l								
CL	Chloride	mg/l	Dissolved	Actual					4500-CL-(E)	
COLOR	Color, True	PCU	Non-filterable	Actual					COLOR	
	Acceptable Range	0.00000 - 200.00000 PCU								
COLOR(440)	Color, True	PCU	Non-filterable	Actual					COLOR	
	Acceptable Range	0.00000 - 200.00000 PCU								
COLOR(750)	Color, True	PCU	Non-filterable	Actual					COLOR	
	Acceptable Range	0.00000 - 200.00000 PCU								
COND_LAB	Specific conductance	mS/cm		Actual					CONDUCTANCE	
CR	Chromium	ug/l	Total	Actual					218.1	
CU	Copper	ug/l	Total	Actual					220.1	3030-E
C_ORG_T	Carbon, Total Organic (Toc)	mg/l	Total	Actual					TOC	
DO_LAB	Dissolved oxygen (DO)	mg/l		Actual					DO	
ENTEROC	Enterococcus Group Bacteria	#/100ml		Actual						
E_COLI	Escherichia coli	#/100ml		Actual						
FE	Iron	mg/l	Dissolved	Actual					236.1	3030-E
F DISS	Fluorides	mg/l	Dissolved	Actual					340.2	
HG	Mercury	ug/l	Total	Actual					245.1	
K	Potassium	mg/l		Actual					258.1	3030-E
MF_COLI	Total Coliform	#/100ml		Actual					9222-B	
MF_FECAL	Fecal Coliform	#/100ml		Actual					9222-D	
MF_STREP	Fecal Streptococcus Group Bacteria	#/100ml		Actual					9230-C	
MG	Magnesium	mg/l	Total	Actual					242.1	3030-E
NA	Sodium	mg/l	Total	Actual					273.1	3030-E
NH3N	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l		Actual					350.1	
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Acid Soluble	Actual					4500-NO3(F)	

Characteristic Group Details

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21FLHILL

Hillsborough County Environmental (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO3_NO2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Acid Soluble	Actual					4500-NO3(F)	
N_KJEL	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
N_ORG	Nitrogen, organic	mg/l	Total	Calculated						
N_TOTAL	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PB	Lead	ug/l	Total	Actual					239.1	
PHEO	Pheophytin-a	ug/m3	Total	Actual					10200-H	
PH_LAB	pH	None		Actual					PH	
	Acceptable Range	5.00000 - 9.00000	None							
P_ORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					4500-P-F	
P_TOTAL	Phosphorus	mg/l	Total	Actual					4500-P-F	
RES DISS	Solids, Fixed	mg/l	Dissolved	Calculated					160.1	
RES_TOT	Solids, Total	mg/l	Total	Actual					160.3	
RES_T_SU	Solids, Fixed	mg/l	Non-filterable	Actual					160.2	
SAL_LAB	Salinity	ppt		Actual					SALINITY	
	Acceptable Range	0.00000 - 40.00000	ppt							
SIO2	Silica	mg/l		Actual					SILICA	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					375.4	
TURB_NTU	Turbidity	NTU	Total	Actual					180.1	
ZN	Zinc	ug/l	Total	Actual					289.1	

Characteristic Group Details

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21FLIMCA

IMC Agrico (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
IMC01	IMC LAB RESULTS	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	405.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3		Actual					10200-H	
CL	Chloride	mg/l	Dissolved	Actual					300(A)	
COLOR	Color, True	PCU		Actual					110.2	
F	Fluorides	mg/l	Dissolved	Actual					300(A)	
GR_ALPHA	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					900	
N2N3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
NA DISS	Sodium	mg/l	Dissolved	Actual					200.7(W)	
NH3	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l		Actual					350.1	
PO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PT	Phosphorus	mg/l	Total	Actual					365.4	
RA226	Radium-226	pCi/L		Actual						
RA_TOT	Radium	mg/l	Total	Actual					903	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					300(A)	
TDS	Solids, Total	mg/l	Dissolved	Actual					160.1	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	

Characteristic Group Details

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21FLIMCA

IMC Agrico (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
IMCHL1	Alafia R. field measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					120.1	
DO	Dissolved oxygen (DO)	mg/l		Actual					360.1	
PH	pH	None		Actual					150.1	
TEMP	Temperature, water	deg C		Actual					170.1	
TURB	Turbidity	NTU		Actual					180.1	
WATELV	Elevation, water surface, MSL	ft		Actual						

Characteristic Group Details

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21FLLCHD

Lee County Hyacinth Control District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LCHCD	LCHCD Analytical Methods	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					ALKALINITY	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3		Actual					10200-H	
CHLB	Chlorophyll-b	ug/l		Actual					10200-H	
CHLC	Chlorophyll-c	ug/l		Actual					10200-H	
HARDNESS	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
N2N3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.3	
NH3	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l		Actual					350.1	
NO2	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO3	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.3	
OP	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PT	Phosphorus as P	mg/l	Total	Actual					365.1	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TURB	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LEEFIELD	LCHCD FIELD MSR/OBS	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual					120.1	

Characteristic Group Details

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21FLLCHD

Lee County Hyacinth Control District (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PH	pH	None		Actual					150.1	
SECCHI	Depth, Secchi Disk Depth	in		Actual						

Characteristic Group Details

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21FLLOX

Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHAR-01	RiverKeeper Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01	Temperature, water	deg C		Actual					170.1	
02	pH	None		Actual					150.1	
03	Tide stage (choice list)									
04	Specific conductance	umho/cm		Actual					120.1	
05	Salinity	ppt		Actual					2520-B	
06	Depth, Secchi Disk Depth	m		Actual					SECCHI	
07	Dissolved oxygen (DO)	mg/l		Actual					360.1	
08	Dissolved oxygen saturation	%		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHAR-S1	plain	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01	Alkalinity, Bicarbonate as CaCO3	mg/l		Actual					310.1	
02	Turbidity	NTU		Actual					180.1	
03	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
04	Color, True	PCU		Actual					2120-B	
05	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
06	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	

Characteristic Group Details

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21FLLOX

Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHAR-S2	Sulfuric acid preserved	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.2(B)	
02	Nitrogen, Kjeldahl	mg/l		Actual					351.2	
03	Phosphorus	mg/l		Actual					365.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHAR-S3	Chlorophyll-a	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-H	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHAR-S4	Fecal Coliform	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01	Fecal Coliform	#/100ml		Actual					3.4	

Characteristic Group Details

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21FLLOX

Loxahatchee River District (Florida)

Group ID CHAR-S5	Group Name Metals	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Citations USEPA, 1994, Methods for the Determination of Metals in Environmental Samples, Supplement I, USEPA, EPA 600-R-94-111

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Arsenic	ppb	Total	Actual					200.8(W)	
2	Cadmium	ppb	Total	Actual					200.8(W)	
3	Chromium	ppb	Total	Actual					200.8(W)	
4	Copper	ppb	Total	Actual					200.8(W)	
5	Lead	ppb	Total	Actual					200.8(W)	
6	Manganese	ppb	Total	Actual					200.8(W)	
7	Nickel	ppb	Total	Actual					200.8(W)	
8	Zinc	ppb	Total	Actual					200.8(W)	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21	29821	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
	Alpheidae							
	Aricidea philbinae			Actual				
	Armandia maculata							
	Capitellidae							
	Clibanarius vittatus							
	Cyclaspis							
	Cymadusa compta							
	Erichthonius rubricornis							
	Hippolyte							
	Limnodriloides							
	Limnodriloides rubicundus			Actual				
	Macoma tenta							
	Melinna maculata							
	Nemertea							
	Nudibranchia							
	Oligochaeta			Actual				
	Parvilucina multilineata							
	Pinnixa floridana							
	Polypedilum convictum							
	Prionospio heterobranchia							
	Prionospio perkinsi							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Rheotanytarsus							
	Solemya velum							
	Spirorbis							
	Streblosoma hartmanae							
	Tellina							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-92-01	St 21 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amphiuridae							
	Anthozoa							
	Arcopsis adamsi							
	Aricidea							
	Armandia agilis							
	Armandia maculata							
	Capitomastus							
	Cerithium floridanum							
	Corbula contracta							
	Eurythoe							
	Haplosyllis spongicola							
	Mediomastus							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nemertea							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Spionidae							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-92-02	St 21 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aoridae							
	Aricidea philbinae							
	Armandia agilis							
	Armandia maculata							
	Bivalvia							
	Capitella capitata							
	Chione cancellata							
	Clibanarius							
	Corophiidae							
	Decapoda							
	Divaricella quadrisulcata							
	Exogone dispar							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Glycera abbranchiata							
	Gyptis brevipalpa							
	Limnodriloides							
	Majidae							
	Maldanidae							
	Mediomastus							
	Nassarius vibex							
	Nematonereis hebes							
	Nemertea							
	Notomastus							
	Oxyurostylis smithi							
	Palaemonetes							
	Poecilochaetus johnsoni							
	Polydora socialis							
	Prionospio							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Scolecipis texana							
	Scoloplos rubra							
	Streblospio benedicti							
	Tharyx dorsobranchialis							
	Xanthidae							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-93-01	St 21 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Bivalvia							
	Boguea enigmatica							
	Capitella capitata							
	Cerithium floridanum							
	Cirriformia							
	Corbula contracta							
	Corophium acutum							
	Crassostrea virginica							
	Limnodriloides							
	Limnodriloides barnardi							
	Mediomastus							
	Naineris							
	Nemertea							
	Polydora socialis							
	Prionospio cristata							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Sabellidae							
	Streblospio benedicti							
	Syllis ferrugina							

Characteristic Group Details

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21FLLOXB **Loxahatchee River District (Florida)**

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Terebellides stroemi							
	Tubificidae							
	Tubificoides							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-93-02	St 21 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amphiuridae							
	Aricidea fragilis							
	Aricidea philbinae							
	Armandia agilis							
	Callianassa							
	Carazziella hobsonae							
	Chaetognatha							
	Diogenidae							
	Divaricella quadrisulcata							
	Glycera abbranchiata							
	Hargeria rapax							
	Hippolyte zostericola							
	Limnodriloides							
	Limnodriloides barnardi							

Characteristic Group Details

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21FLLOXB **Loxahatchee River District (Florida)**

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Limnodriloides rubicundus							
	Majidae							
	Nemertea							
	Notomastus hemipodus							
	Periclimenes americanus							
	Portunidae							
	Prionospio cristata							
	Prionospio heterobranchia							
	Prionospio perkinsi							
	Pycnogonida							
	Scoloplos rubra							
	Sipuncula							
	Smithsonidrilus							
	Streptosyllis pettiboneae							
	Tozeuma							
	Tubificidae							
	Xanthidae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-94-01	St 21 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Armandia agilis							
	Bivalvia							
	Bushia elegans							
	Capitella capitata							
	Capitellides jonesi							
	Caulleriella							
	Cerithium floridanum							
	Cirratulidae							
	Clibanarius vittatus							
	Cymadusa compta							
	Gastropoda							
	Glycera abbranchiata							
	Heteromastus filiformis							
	Limnodriloides							
	Limnodriloides barnardi							
	Limnodriloides rubicundus							
	Lucina pectinata							
	Naineris							
	Ophiuroidea							
	Palaemonetes							
	Parvilucina multilineata							
	Penaeus							
	Periclimenes americanus							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pinnixa floridana							
	Prionospio heterobranchia							
	Prionospio perkinsi							
	Sipuncula							
	Smithsonidrilus							
	Spirorbis							
	Tectidrilus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-94-02	St 21 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea							
	Aricidea fragilis							
	Aricidea philbinae							
	Aricidea taylori							
	Armandia agilis							
	Bivalvia							
	Bushia elegans							
	Callinectes sapidus							
	Caulleriella							
	Chione cancellata							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Corbula contracta							
	Gastropoda							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Hargeria rapax							
	Leitoscoloplos robustus							
	Limnodriloides							
	Limnodriloides barnardi							
	Limnodriloides rubicundus							
	Malacoceros vanderhorsti							
	Mediomastus californiensis							
	Nemertea							
	Paguristes							
	Phyllodoce arenae							
	Pinnixa floridana							
	Pinnotheridae							
	Pitar							
	Poecilochaetus johnsoni							
	Polydora socialis							
	Prionospio cristata							
	Prionospio heterobranchia							
	Prionospio perkinsi							
	Pseudopolydora							
	Sabellidae							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Scolecipis texana							
	Smithsonidrilus							
	Spiochaetopterus oculatus							
	Tectidrilus							
	Tellina							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-95-01	St 21 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Aricidea							
	Armandia agilis							
	Bhawania							
	Bivalvia							
	Bulla striata							
	Caprellidae							
	Caulleriella							
	Chione cancellata							
	Cirriformia							
	Corbula contracta							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Corophium							
	Cymadusa compta							
	Diogenidae							
	Diopatra cuprea							
	Ehlersia cornuta							
	Emerita talpoida							
	Glycera abbranchiata							
	Leitoscoloplos robustus							
	Limnodriloides							
	Limnodriloides rubicundus							
	Mediomastus californiensis							
	Nematonereis hebes							
	Nemertea							
	Nereis falsa							
	Palaemonidae							
	Parvilucina multilineata							
	Polydora ligni							
	Polydora socialis							
	Prionospio cristata							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Pseudopolydora							
	Smithsonidrilus							
	Streblospio benedicti							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tellina							
	Tubificidae							
	Tubificoides brownae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-95-02	St 21 Fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Bivalvia							
	Capitella capitata							
	Limnodriloides rubicundus							
	Mediomastus californiensis							
	Streblospio benedicti							
	Tubificidae							
	Veneridae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-96-01	St 21 Spring 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amphiuridae							
	Aoridae							
	Aricidea							
	Armandia							
	Armandia agilis							
	Bivalvia							
	Capitella capitata							
	Caprellidae							
	Corbula contracta							
	Corophium							
	Diopatra cuprea							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Laeonereis culveri							
	Leitoscoloplos							
	Leitoscoloplos fragilis							
	Nassarius vibex							
	Nemertea							
	Olivella							
	Oxyurostylis smithi							
	Pectinaria gouldi							
	Pinnixa							
	Platynereis dumerilii							
	Polydora							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Streblospio benedicti							
	Tagelus divisus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-96-02	St 21 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amphiuridae							
	Amygdalum papyrium							
	Armandia agilis							
	Balanus							
	Caprellidae							
	Cyrenoida floridana							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Hargeria rapax							
	Leitoscoloplos fragilis							
	Limnodriloides							
	Nemertea							
	Palaemonetes							
	Platynereis dumerilii							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tanaidacea							
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group		Habitat
21-97-02	St 21 Fall 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census		N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae		count	Actual			5	
	Armandia agilis		count	Actual			5	
	Bivalvia		count	Actual			4	
	Capitella capitata		count	Actual			5	
	Chione cancellata		count	Actual			4	
	Corbula contracta		count	Actual			4	
	Cymadusa compta		count	Actual			26	
	Dasybranchus							
	Divaricella quadrisulcata		count	Actual			4	
	Erichsonella attenuata		count	Actual			26	
	Exogone dispar		count	Actual			14	
	Glycera abranchiata		count	Actual			0	
	Hargeria rapax		count	Actual			4	
	Leitoscoloplos fragilis		count	Actual			5	
	Limnodriloides barnardi		count	Actual				
	Limnodriloides rubicundus		count	Actual				

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Lumbrineris verrilli		count	Actual			9	
	Nemertea		count	Actual			9	
	Notomastus hemipodus		count	Actual			5	
	Palaemonetes paludosus							
	Parvilucina multilineata		count	Actual			4	
	Pectinaria gouldi		count	Actual			5	
	Penaeus		count	Actual			26	
	Prionospio cristata		count	Actual			13	
	Prionospio heterobranchia		count	Actual			13	
	Scoloplos rubra		count	Actual			5	
	Sipunculidae		count	Actual			5	
	Tubificidae		count	Actual			5	
	Tubificoides		count	Actual			5	
	Tubificoides brownae		count	Actual				
	Xenanthura brevitelson		count	Actual			26	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-98-02	St 21 Fall 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Armandia agilis							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Capitellides jonesi							
	Chione cancellata							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Haplotaxida							
	Limnodriloides barnardi							
	Lucina pectinata							
	Lumbrineris verrilli							
	Melinna maculata							
	Nemertea							
	Oxyurostylis smithi							
	Prionospio cristata							
	Scoloplos texana							
	Sipunculidae							
	Tellina							
	Tubificoides brownae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-99-01	St 21 Spring 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Capitella capitata							
	Caulleriella							
	Cymadusa compta							
	Glycera							
	Gouldia cerina							
	Limnodriloides							
	Limnodriloides barnardi							
	Mediomastus							
	Microdeutopus anomalus							
	Nemertea							
	Nereis							
	Palaemonetes							
	Palaemonetes paludosus							
	Parvilucina multilineata							
	Prionospio heterobranchia							
	Prionospio perkinsi							
	Rhithropanopeus harrisi							
	Scoloplos rubra							
	Tubificoides brownae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-99-02	St 21 Fall 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheus							
	Amphiuridae							
	Aricidea philbinae							
	Armandia agilis							
	Capitella							
	Capitella capitata							
	Caulleriella							
	Chama macerophylla							
	Crepidula maculosa							
	Cymadusa compta							
	Echiura							
	Ehlersia cornuta							
	Exogone dispar							
	Hesione							
	Lembos smithi							
	Limnodriloides							
	Lucina pectinata							
	Malmgreniella							
	Nemertea							
	Nereididae							
	Notomastus hemipodus							
	Ostrea equestris							
	Palaemonetes pugio							
	Penaeus							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pinnixa floridana							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Spirorbis							
	Tubificidae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21B	2nd Fall93 21	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Anachis translirata							
	Aoridae							
	Arcopsis adamsi							
	Aricidea philbinae							
	Armandia maculata							
	Balanus eburneus							
	Bivalvia							
	Boguea enigmatica							
	Branchiura							
	Bryozoa							
	Caecum							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caecum pulchellum							
	Capitella capitata							
	Capitellidae							
	Capitellides jonesi							
	Cauleriella							
	Cauleriella alata							
	Ceratonereis mirabilis							
	Cerithium floridanum							
	Cirriformia							
	Cirriformia filigera							
	Corbula contracta							
	Corophium							
	Corophium acutum							
	Crassostrea virginica							
	Crepidula plana							
	Cymadusa compta							
	Cyrenoida floridana							
	Decapoda							
	Eurythoe							
	Exogone dispar							
	Gastropoda							
	Geukensia demissa							
	Glycera abbranchiata							
	Hargeria rapax							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hydrozoa							
	Lima pellucida							
	Limnodriloides							
	Limnodriloides barnardi							
	Lucina pectinata							
	Mediomastus							
	Megalomma							
	Mitrella lunata							
	Mulinia lateralis							
	Naineris							
	Nassarius vibex							
	Nemertea							
	Notomastus							
	Notomastus daueri							
	Nudibranchia							
	Odontosyllis enopla							
	Olivella							
	Ophiuroidea							
	Ophryotrocha							
	Palaemonidae							
	Panopeus herbstii							
	Paracerceis caudata							
	Periclimenes americanus							
	Pinnixa							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Platynereis dumerilii							
	Podarke obscura							
	Polydora socialis							
	Polynoidae							
	Potamilla							
	Prionospio cristata							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Pycnogonida							
	Sabella melanostigma							
	Sabellaria floridensis							
	Sabellidae							
	Scolelepis squamata							
	Spio pettiboneae							
	Spirorbis							
	Streblospio benedicti							
	Syllis ferrugina							
	Terebellides stroemi							
	Tharyx marioni							
	Tozeuma carolinense							
	Tribelos fuscicorne							
	Tubificidae							
	Tubificoides							
	Turbellaria							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Turbonilla interrupta							
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
25-92-01	St 25 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N	

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheidae							
	Aricidea							
	Armandia							
	Bivalvia							
	Capitella capitata							
	Caulleriella killariensis							
	Cerithium floridanum							
	Clibanarius							
	Decapoda							
	Erichthonius rubricornis							
	Glycera abbranchiata							
	Lembos smithi							
	Limnodriloides							
	Limnodriloides barnardi							
	Loimia medusa							
	Megalomma pigmentum							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Melita nitida							
	Naineris laevigata							
	Nemertea							
	Ophiuroidea							
	Palaemonetes							
	Paracerceis caudata							
	Podarke obscura							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Scoloplos rubra							
	Stenothoidae							
	Streblosoma							
	Tharyx dorsobranchialis							
	Xanthidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-92-02	St 25 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea							
	Aricidea philbinae							
	Balanus							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Brania clavata							
	Caecum pulchellum							
	Capitella capitata							
	Capitomastus							
	Cerithium floridanum							
	Clibanarius							
	Corbula contracta							
	Corophium tuberculatum							
	Crepidula							
	Cymadusa compta							
	Decapoda							
	Erichsonella attenuata							
	Exogone dispar							
	Gastropoda							
	Glycera abbranchiata							
	Glycinde solitaria							
	Haplotaxida							
	Hargeria rapax							
	Limnodriloides							
	Limnodriloides monotheucus							
	Nemertea							
	Nudibranchia							
	Palaemonetes							
	Paracerceis caudata							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Penaeus							
	Polydora socialis							
	Prionospio heterobranchia							
	Sabella melanostigma							
	Sabellidae							
	Serpulidae							
	Stegocephalidae							
	Stenothoidae							
	Tharyx dorsobranchialis							
	Tubificidae							
	Xanthidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-93-01	St 25 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Amphipoda							
	Ancistrosyllis carolinensis							
	Bulla striata							
	Caecum pulchellum							
	Callinectes							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caulleriella alata							
	Cirriformia							
	Cliona							
	Corbula contracta							
	Corophium							
	Corophium acutum							
	Crassostrea							
	Crassostrea virginica							
	Crepidula							
	Crepidula maculosa							
	Eunice							
	Glycinde solitaria							
	Hyalella azteca							
	Lysianopsis alba							
	Menetus dilatatus							
	Mitrella lunata							
	Naineris							
	Nemertea							
	Notomastus tenuis							
	Olivella							
	Pagurus							
	Pagurus longicarpus							
	Polydora socialis							
	Prionospio							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Prionospio cristata							
	Prionospio multibranchiata							
	Streblosoma hartmanae							
	Tanaidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-93-02	St 25 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheus normanni							
	Arabella mutans							
	Aricidea philbinae							
	Capitella capitata							
	Caulleriella							
	Cirratulidae							
	Clibanarius vittatus							
	Crepidula							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Hargeria rapax							
	Hippolyte zostericola							
	Hyalidae							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Lepidametria							
	Limnodriloides							
	Limnodriloides barnardi							
	Limnodriloides rubicundus							
	Lucina pectinata							
	Oxyurostylis smithi							
	Phoronis architecta							
	Prionospio cristata							
	Prionospio heterobranchia							
	Pseudopolydora							
	Scolecipis texana							
	Scoloplos rubra							
	Spirorbis							
	Streblosoma hartmanae							
	Syllis cornuta							
	Tagelus divisus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-94-01	St 25 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acuminodeutopus naglei							
	Almyracuma proximoculi							
	Armandia agilis							
	Axiothella mucosa							
	Bivalvia							
	Capitomastus							
	Caprellidae							
	Cauleriella							
	Cirriformia							
	Clibanarius vittatus							
	Corbula contracta							
	Corophium tuberculatum							
	Cumacea							
	Cymadusa compta							
	Decapoda							
	Diogenidae							
	Glycera abbranchiata							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							
	Leitoscoloplos robustus							
	Lumbrineris verrilli							
	Monoculodes nyei							
	Nemertea							
	Oxyurostylis smithi							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pectinaria gouldi							
	Prionospio heterobranchia							
	Scolecopsis texana							
	Sipuncula							
	Tagelus divisus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-94-02	St 25 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Aricidea philbinae							
	Capitella capitata							
	Capitomastus							
	Caprellidae							
	Cauleriella							
	Cerithium floridanum							
	Chione cancellata							
	Clibanarius vittatus							
	Corbula contracta							
	Corophium tuberculatum							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Crassostrea virginica							
	Crepidula maculosa							
	Gastropoda							
	Glycera abbranchiata							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							
	Nemertea							
	Paguristes							
	Photis reinhardi							
	Pinnotheridae							
	Prionospio							
	Prionospio heterobranchia							
	Scolelepis texana							
	Scoloplos rubra							
	Syllidae							
	Tectidrilus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-96-02	St 25 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea							
	Armandia agilis							
	Capitella capitata							
	Capitellides jonesi							
	Clibanarius vittatus							
	Cyclaspis varians							
	Glycera abbranchiata							
	Glycera capitata							
	Holothuroidea							
	Leitoscoloplos fragilis							
	Lembos smithi							
	Limnodriloides							
	Oxyurostylis smithi							
	Prionospio							
	Scolecopsis texana							
	Scoloplos rubra							
	Spionidae							
	Streblospio benedicti							
	Terebellides stroemi							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-97-01	St 25 Spring 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Anthozoa							
	Capitella capitata							
	Capitellides jonesi							
	Cirratulidae							
	Corbula contracta							
	Crepidula plana							
	Cyrenoida floridana							
	Glycera							
	Glycera abbranchiata							
	Hippolyte							
	Holothuroidea							
	Leitoscoloplos							
	Limnodriloides							
	Macrobrachium							
	Paguridae							
	Penaeus							
	Podarke obscura							
	Polydora							
	Sipuncula							
	Syllis							
	Tagelus divisus							
	Tharyx							
	Tozeuma carolinense							
	Tubificidae							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-98-01	St 25 Spring 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheidae		count	Actual			26	
	Capitella capitata		count	Actual			5	
	Chione cancellata		count	Actual			4	
	Cirratulidae		count	Actual			6	
	Cirriformia		count	Actual			6	
	Clibanarius vittatus		count	Actual			0	
	Cymadusa compta		count	Actual			26	
	Diopatra cuprea		count	Actual			10	
	Exogone dispar		count	Actual			14	
	Grandidierella bonnieri		count	Actual			26	
	Harmothoe aculeata							
	Hyalellidae							
	Latreutes fucorum		count	Actual			26	
	Lepidametria commensalis							
	Limnodriloides barnardi		count	Actual				
	Lumbrineris verrilli		count	Actual			9	
	Macoma tenta		count	Actual			4	
	Mediomastus		count	Actual			5	
	Megalomma pigmentum		count	Actual			4	
	Microdeutopus		count	Actual			26	
	Monticellina dorsobranchialis		count	Actual				

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Mooreonuphis nebulosa		count	Actual				
	Notomastus hemipodus		count	Actual			5	
	Oligochaeta		count	Actual			5	
	Paramphinome		count	Actual			9	
	Parvilucina multilineata		count	Actual			4	
	Prionospio cristata		count	Actual			13	
	Prionospio heterobranchia		count	Actual			13	
	Prionospio perkinsi		count	Actual				
	Schistomeringos rudolphi		count	Actual			9	
	Scoloplos rubra		count	Actual			5	
	Smithsonidrilus							
	Streblosoma hartmanae		count	Actual			13	
	Syllis cornuta		count	Actual			9	
	Tagelus divisus		count	Actual			4	
	Transennella conradina		count	Actual				
	Xanthidae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-98-02	St 25 Fall 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Capitella capitata							
	Clibanarius							
	Grandidierella bonnieroides							
	Lucina pectinata							
	Palaemonetes							
	Prionospio heterobranchia							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-99-01	St 25 Spring 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Capitella capitata							
	Caulleriella							
	Diogenidae							
	Diopatra cuprea							
	Limnodriloides							
	Limnodriloides barnardi							
	Mediomastus							
	Monticellina dorsobranchialis							
	Palaemonetes							
	Parvilucina multilineata							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Podarke obscura							
	Podarkeopsis levifuscina							
	Polydora ligni							
	Prionospio heterobranchia							
	Streblosoma hartmanae							
	Tagelus divisus							
	Tellinidae							
	Xanthidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-99-02	St 25 FALL 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheus							
	Amphiuridae							
	Arca imbricata							
	Aricidea philbinae							
	Bivalvia							
	Branchiomma nigromaculata							
	Caecum pulchellum							
	Capitella							
	Capitella capitata							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Cauleriella							
	Cerithium							
	Corophium							
	Crepidula maculosa							
	Cymadusa compta							
	Diopatra cuprea							
	Ehlersia cornuta							
	Gastropoda							
	Gitanopsis laguna							
	Glycera abbranchiata							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Lumbrineris verrilli							
	Lyonsia hyalina							
	Mediomastus							
	Mitrella lunata							
	Monticellina dorsobranchialis							
	Nassarius vibex							
	Neanthes acuminata							
	Nemertea							
	Nereididae							
	Ostrea equestris							
	Palaemonetes paludosus							
	Panopeus herbstii							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Parastarte triquetra							
	Penaeus							
	Podarkeopsis levifuscina							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Rhithropanopeus harrisi							
	Spiochaetopterus costarum							
	Spirorbis							
	Streblosoma hartmanae							
	Tagelus divisus							
	Tricolia affinis							
	Triphora nigrocincta							
	Triphoridae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
29941	2ndSpringC	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea fragilis							
	Aricidea philbinae							
	Capitella							
	Capitella capitata							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caprellidae							
	Cerapus benthophilus							
	Chone americana							
	Corophium							
	Glycera							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Haplotaxida							
	Hargeria rapax							
	Laeonereis culveri							
	Limnodriloides							
	Limnodriloides rubicundus							
	Lucina pectinata							
	Lumbrinereis							
	Lumbrineris verrilli							
	Macoma							
	Macoma tenta							
	Mactra							
	Mediomastus							
	Microdeutopus anomalus							
	Nemertea							
	Oxyurostylis smithi							
	Palaemonetes							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polydora ligni							
	Polydora socialis							
	Prionospio cristata							
	Prionospio heterobranchia							
	Pseudopolydora							
	Scolecipides viridis							
	Scolecipis texana							
	Smithsonidrilus							
	Spio pettiboneae							
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Tellinidae							
	Tubificidae							
	Tubificoides brownae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-92-01	St 31 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
Description		This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.					

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amygdalum papyrium							
	Aricidea fragilis							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Axiothella mucosa							
	Calappa							
	Capitella capitata							
	Caulleriella killariensis							
	Chone americana							
	Cymadusa compta							
	Decapoda							
	Fabriciella trilobata							
	Glycera abbranchiata							
	Halmyrapseudes bahamensis							
	Haminoea succinea							
	Leitoscoloplos foliosus							
	Maldanidae							
	Orbinia riseri							
	Oxyurostylis smithi							
	Penaeus							
	Phoronis architecta							
	Polycirrus plumosus							
	Polydora socialis							
	Polydora websteri							
	Prionospio heterobranchia							
	Rudilemboides naglei							
	Scolecopsis texana							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Scoloplos rubra Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-92-02	St 31 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Axiothella mucosa							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Cauleriella killariensis							
	Chone americana							
	Exogone dispar							
	Glycera abbranchiata							
	Leitoscoloplos							
	Leitoscoloplos foliosus							
	Leitoscoloplos robustus							
	Limnodriloides							
	Maldanidae							
	Nemertea							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Oxyurostylis smithi							
	Polydora socialis							
	Prionospio heterobranchia							
	Scolelepis texana							
	Streblospio benedicti							
	Streptosyllis pettiboneae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-93-01	St 31 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Ampelisca vadorum							
	Amphipoda							
	Anthuridae							
	Arabella mutans							
	Aricidea philbinae							
	Armandia agilis							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Caulleriella alata							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Corophiidae							
	Crepidula							
	Crepidula plana							
	Cumacea							
	Cymadusa compta							
	Cyrenoida floridana							
	Decapoda							
	Enchytraeidae							
	Fabriciola trilobata							
	Gastropoda							
	Geukensia demissa							
	Glycera abbranchiata							
	Glyceridae							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Leitoscoloplos							
	Limnodriloides barnardi							
	Lucina pectinata							
	Lumbrinereis							
	Lumbrineridae							
	Maldanidae							
	Mulinia lateralis							
	Nassarius vibex							
	Nemertea							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ophiuroidea							
	Oxyurostylis smithi							
	Phoronis							
	Podarke obscura							
	Polinices							
	Polydora socialis							
	Potamilla							
	Prionospio cristata							
	Prionospio heterobranchia							
	Sabellidae							
	Scolecopsis squamata							
	Scoloplos acmeceps							
	Scoloplos rubra							
	Sphaerosyllis longicauda							
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Streptosyllis pettiboneae							
	Syllis ferrugina							
	Tagelus divisus							
	Tharyx marioni							
	Tubificidae							
	Tubificoides							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-93-02	St 31 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Anomalocardia auberiana							
	Aricidea philbinae							
	Axiothella mucosa							
	Brania wellfleetensis							
	Bulla striata							
	Callianassa							
	Capitella capitata							
	Capitomastus							
	Chione cancellata							
	Corophium							
	Drilonereis							
	Gastropoda							
	Glycera abbranchiata							
	Haminoea succinea							
	Hargeria rapax							
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Limnodriloides							
	Limnodriloides barnardi							
	Limnodriloides rubicundus							
	Lucina pectinata							

Characteristic Group Details

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21FLLOXB **Loxahatchee River District (Florida)**

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Maldanidae							
	Nemertea							
	Notomastus daueri							
	Prionospio heterobranchia							
	Scolecopsis texana							
	Scoloplos rubra							
	Smithsonidrilus							
	Sphaerosyllis longicauda							
	Streptosyllis pettiboneae							
	Syllis cornuta							
	Syngnathus							
	Tellina mera							
	Tubificidae							
	Tubificoides brownae							
	Xanthidae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-94-01	St 31 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca abdita							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	<i>Arenicola cristata</i>							
	<i>Aricidea philbiniae</i>							
	<i>Armandia agilis</i>							
	<i>Axiothella mucosa</i>							
	<i>Bowmaniella</i>							
	<i>Bulla striata</i>							
	<i>Capitella capitata</i>							
	Caprellidae							
	<i>Caulleriella</i>							
	<i>Chone americana</i>							
	<i>Corophium</i>							
	Diogenidae							
	<i>Enoplobranchus sanguineus</i>							
	<i>Erichsonella attenuata</i>							
	<i>Erichthonius brasiliensis</i>							
	<i>Fabriciola trilobata</i>							
	Gastropoda							
	<i>Glycera abbranchiata</i>							
	<i>Glycinde solitaria</i>							
	<i>Halmyrapseudes bahamensis</i>							
	<i>Hargeria rapax</i>							
	<i>Kinbergonuphis simoni</i>							
	<i>Laeonereis culveri</i>							
	<i>Leitoscoloplos robustus</i>							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Lembos smithi							
	Limnodriloides							
	Lumbrineris verrilli							
	Mulinia lateralis							
	Nemertea							
	Oxyurostylis smithi							
	Paguristes							
	Penaeus							
	Pinnotheridae							
	Podarkeopsis levifuscina							
	Polydora socialis							
	Prionospio heterobranchia							
	Pseudopolydora							
	Rudilemboides naglei							
	Scolecopsis texana							
	Smithsonidrilus							
	Streptosyllis pettiboneae							
	Syllidae							
	Tagelus divisus							
	Tubificidae							
	Tubificoides brownae							
	Xenanthura brevitelson							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-94-02	St 31 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Pollution	Functional Feeding Group	Trophic Level
	Aricidea philbinae								
	Bivalvia								
	Bowmaniella								
	Capitella capitata								
	Eteone heteropoda								
	Gobiidae								
	Grandidierella bonnieroides								
	Hargeria rapax								
	Laeonereis culveri								
	Leitoscoloplos								
	Leitoscoloplos robustus								
	Limnodriloides barnardi								
	Limnodriloides rubicundus								
	Nemertea								
	Tubificidae								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-95-01	St 31 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca abdita							
	Aricidea philbiniae							
	Axiothella mucosa							
	Bivalvia							
	Bowmaniella							
	Capitella capitata							
	Caprellidae							
	Cauleriella							
	Chone americana							
	Corophium							
	Cymadusa compta							
	Ehlersia cornuta							
	Eteone heteropoda							
	Eudevenopus honduranus							
	Gammarus mucronatus							
	Gastropoda							
	Glycera abbranchiata							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Hobsonia florida							
	Laeonereis culveri							
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Limnodriloides barnardi							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Maldanidae							
	Monticellina dorsobranchialis							
	Mysidopsis furca							
	Nassarius vibex							
	Oxyurostylis smithi							
	Penaeus							
	Pitar							
	Polydora socialis							
	Sabellidae							
	Scolelepis texana							
	Streptosyllis							
	Streptosyllis pettiboneae							
	Tellina							
	Terebellidae							
	Tubificidae							
	Tubificoides brownae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-95-02	St 31 Fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi							
	Aricidea philbinae							
	Capitella capitata							
	Corbula contracta							
	Erichthonius brasiliensis							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Laeonereis culveri							
	Limnodriloides							
	Lumbrineris verrilli							
	Monticellina dorsobranchialis							
	Mulinia lateralis							
	Streptosyllis pettiboneae							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-96-01	St 31 Spring 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Armandia							
	Bivalvia							
	Capitella capitata							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Corbula contracta							
	Corophium							
	Cymadusa compta							
	Cyrenoida floridana							
	Gastropoda							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Hargeria rapax							
	Laeonereis culveri							
	Leitoscoloplos fragilis							
	Lucina pectinata							
	Lumbrinereis							
	Mediomastus							
	Neritina							
	Oxyurostylis smithi							
	Platynereis dumerilii							
	Polydora							
	Polydora websteri							
	Rangia cuneata							
	Streblospio benedicti							
	Tharyx							
	Tubificidae							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-96-02	St 31 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philibinae							
	Axiothella mucosa							
	Bivalvia							
	Bowmaniella							
	Capitella capitata							
	Chaetognatha							
	Exogone dispar							
	Leitoscoloplos robustus							
	Limnodriloides barnardi							
	Panaeus							
	Scolecopsis texana							
	Tagelus divisus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-97-01	St 31 Spring 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acuminodeutopus naglei							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Axiiothella mucosa							
	Bivalvia							
	Bowmaniella							
	Capitella capitata							
	Cautleriella							
	Chone americana							
	Eteone lactea							
	Glycera abbranchiata							
	Halmyrapseudes bahamensis							
	Leitoscoloplos robustus							
	Mysidopsis furca							
	Nassarius vibex							
	Nemertea							
	Oxyurostylis smithi							
	Panaeus							
	Polydora socialis							
	Polymesoda							
	Scolecopsis texana							
	Solemya velum							
	Sphaerosyllis taylori							
	Sphenia antillensis							
	Spiochaetopterus costarum							
	Streblospio benedicti							

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21FLLOXB **Loxahatchee River District (Florida)**

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tagelus divisus							
	Tectidrilus							
	Terebellides stroemi							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-97-02	St 31 Fall 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheidae		count	Actual			26	
	Aricidea philbinae		count	Actual			5	
	Axiothella mucosa							
	Bivalvia		count	Actual			4	
	Capitella capitata		count	Actual			5	
	Capitomastus							
	Cerapus							
	Cymadusa compta		count	Actual			26	
	Cyrrnellus fraternus		count	Actual			4	
	Diopatra cuprea		count	Actual			10	
	Ericthonius brasiliensis		count	Actual			26	
	Exogone dispar		count	Actual			14	
	Fabricia		count	Actual			13	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Gammarus mucronatus		count	Actual			26	
	Geukensia demissa		count	Actual			4	
	Glycera abbranchiata		count	Actual			0	
	Grandidierella bonnieri		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hyalellidae							
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Lembos smithi		count	Actual			26	
	Limnodriloides		count	Actual			5	
	Limnodriloides barnardi		count	Actual				
	Nemertea		count	Actual			9	
	Prionospio cristata		count	Actual			13	
	Scoloplos texana							
	Streptosyllis pettiboneae		count	Actual				
	Tubificidae		count	Actual			5	
	Tubificoides		count	Actual			5	
	Turbonilla		count	Actual			11	
	Upogebia affinis		count	Actual			4	
	Xenanthura brevitelson		count	Actual			26	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-99-01	St 31 Spring 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Arenicola cristata							
	Aricidea							
	Aricidea philbinae							
	Armandia agilis							
	Bivalvia							
	Callinectes sapidus							
	Capitella capitata							
	Ehlersia cornuta							
	Exogone dispar							
	Fabriciola							
	Glycera abbranchiata							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Laeonereis culveri							
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Limulus polyphemus							
	Macoma							
	Maldanidae							
	Oxyurostylis smithi							
	Palaemonetes							
	Polydora socialis							
	Prionospio heterobranchia							
	Scolecipis texana							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-99-02	St 31 Fall 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Bivalvia							
	Bowmaniella							
	Caecum pulchellum							
	Capitella capitata							
	Cerithium							
	Cyathura polita							
	Edotea triloba							
	Glyptotendipes							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Laeonereis culveri							
	Leitoscoloplos robustus							
	Lucinidae							
	Macoma constricta							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Mediomastus							
	Nereididae							
	Polypedilum scalaenum							
	Sipuncula							
	Tanytarsus							
	Tubificidae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31B-9202	The Full St. 31 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Actiniaria							
	Amygdalum papyrium							
	Anomalocardia auberiana							
	Aricidea philbinae		count	Actual			5	
	Axiothella mucosa							
	Bivalvia		count	Actual			4	
	Brania							
	Caecum pulchellum		count	Actual			5	
	Capitella capitata							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caulleriella killariensis		count	Actual			6	
	Cerapus tubularis							
	Cerithium							
	Chone americana		count	Actual			4	
	Cymadusa compta							
	Diopatra cuprea							
	Divaricella quadrisulcata							
	Enchytraeidae		count	Actual			5	
	Erichsonella attenuata							
	Eteone lactea							
	Exogone dispar		count	Actual			14	
	Fabriciola trilobata							
	Gastropoda							
	Glycera abbranchiata		count	Actual			9	
	Haminoea succinea							
	Leitoscoloplos							
	Leitoscoloplos foliosus							
	Leitoscoloplos robustus		count	Actual			5	
	Limnodriloides		count	Actual			5	
	Lucina pectinata							
	Maldanidae		count	Actual			5	
	Mediomastus							
	Nemertea		count	Actual			9	
	Orbinia riseri							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Oxyurostylis smithi							
	Phoronis architecta							
	Polydora socialis							
	Prionospio heterobranchia		count	Actual			13	
	Scolecopsis texana		count	Actual			13	
	Scoloplos rubra							
	Streblospio benedicti							
	Streptosyllis pettiboneae		count	Actual			9	
	Stylochus							
	Tellinidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-92-01	St 35 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Asthenothaerus hemphilli							
	Axiothella mucosa							
	Bowmaniella floridana							
	Cerapus benthophilus							
	Chone americana							
	Cirratulidae							
	Decapoda							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Erichthonius rubricornis							
	Eudevenopus honduranus							
	Glycera abbranchiata							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							
	Holothuroidea							
	Leitoscoloplos foliosus							
	Lumbrinereis							
	Lumbrineris californiensis							
	Lumbrineris verrilli							
	Mysidopsis furca							
	Oxyurostylis smithi							
	Polydora socialis							
	Pontogeneia inermis							
	Scolecopsis texana							
	Scoloplos rubra							
	Streblospio benedicti							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-92-02	St. 35 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Actiniaria							
	Amygdalum papyrium							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Chone americana							
	Corbula contracta							
	Decapoda							
	Eteone heteropoda							
	Exogone dispar							
	Glycera							
	Glycera abranchiata							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							
	Leitoscoloplos							
	Leitoscoloplos foliosus							
	Nassarius vibex							
	Nemertea							
	Oxyurostylis smithi							
	Palaemonetes							
	Polydora socialis							
	Porifera							
	Prionospio heterobranchia							

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pseudopolydora							
	Scolecipis texana							
	Streblospio benedicti							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-93-01	St 35 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philibinae							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Cymadusa compta							
	Cyrenoida floridana							
	Edotea montosa							
	Enchytraeidae							
	Eteone heteropoda							
	Exogone dispar							
	Gastropoda							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hargeria rapax							
	Leitoscoloplos							
	Limnodriloides barnardi							
	Maldanidae							
	Nemertea							
	Orbiniidae							
	Oxyurostylis smithi							
	Sabella melanostigma							
	Sabellidae							
	Scolelepis texana							
	Sphaerosyllis longicauda							
	Streblospio benedicti							
	Tanaidae							
	Tubificidae							
	Tubificoides							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-93-02	St 35 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acuminodeutopus naglei							
	Aricidea philbinae							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Axiothella mucosa							
	Bivalvia							
	Bowmaniella floridana							
	Capitella capitata							
	Capitomastus							
	Caulleriella							
	Chone americana							
	Cirratulidae							
	Exogone dispar							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Holothuroidea							
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Lima pellucida							
	Lumbrineris verrilli							
	Nemertea							
	Oxyurostylis smithi							
	Paracerceis caudata							
	Photis reinhardi							
	Porifera							
	Prionospio heterobranchia							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Prionospio perkinsi							
	Scolelepis squamata							
	Scolelepis texana							
	Tagelus divisus							
	Tellina mera							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-94-01	St 35 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amphioxus							
	Bivalvia							
	Capitella capitata							
	Capitellides jonesi							
	Corophium lacustre							
	Cyclaspis varians							
	Eteone							
	Gastropoda							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Laeonereis culveri							
	Maldanidae							
	Mulinia lateralis							
	Munna reynoldsi							
	Nemertea							
	Oxyurostylis smithi							
	Polydora							
	Scolecopsis texana							
	Scoloplos fragilis							
	Streblospio benedicti							
	Tagelus divisus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-94-02	St 35 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bowmaniella							
	Chone americana							
	Cyathura polita							
	Diopatra cuprea							
	Eteone							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Glycera abbranchiata							
	Hyalella azteca							
	Laeonereis culveri							
	Nemertea							
	Oxyurostylis smithi							
	Scolecopsis							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-96-02	St 35 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Axiothella							
	Bivalvia							
	Bowmaniella							
	Callinectes sapidus							
	Capitella capitata							
	Edotea triloba							
	Eteone lactea							
	Gastropoda							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Laeonereis culveri							
	Leitoscoloplos robustus							
	Nemertea							
	Oxyurostylis smithi							
	Polydora socialis							
	Polymesoda							
	Prionospio heterobranchia							
	Scolecopsis texana							
	Sphenia antillensis							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-97-02	St 35 Fall 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Acteocina canaliculata		count	Actual			11	
	Actiniaria		count	Actual			9	
	Almyracuma proximoculi		count	Actual			4	
	Amygdalum papyrium		count	Actual			4	
	Aricidea philbinae		count	Actual			5	
	Bivalvia		count	Actual			4	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caecum		count	Actual			5	
	Caenis		count	Actual			15	
	Capitella capitata		count	Actual			5	
	Capitomastus		count	Actual			5	
	Cerapus		count	Actual			26	
	Corbula contracta		count	Actual			4	
	Eteone heteropoda		count	Actual			9	
	Exogone dispar		count	Actual			14	
	Geukensia demissa		count	Actual			4	
	Grandidierella bonnieri		count	Actual			26	
	Gyptis brevipalpa		count	Actual			9	
	Halmyrapseudes bahamensis		count	Actual			4	
	Hargeria rapax		count	Actual			4	
	Hyalellidae							
	Idoteidae							
	Laeonereis							
	Laeonereis culveri							
	Leitoscoloplos							
	Leitoscoloplos robustus		count	Actual			0	
	Nemertea		count	Actual			9	
	Ophiuroidea		count	Actual			9	
	Podarkeopsis levifuscina		count	Actual			0	
	Polydora ligni							
	Tagelus		count	Actual				

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-98-01	St 35 Spring 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia		count	Actual			4	
	Bulla striata		count	Actual			11	
	Capitella capitata		count	Actual			5	
	Capitellidae		count	Actual			5	
	Cyathura polita		count	Actual			26	
	Gammarus mucronatus		count	Actual			26	
	Geukensia demissa		count	Actual			4	
	Hargeria rapax		count	Actual			4	
	Laeonereis culveri		count	Actual			14	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-99-01	St 35 Spring 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Bowmaniella floridana							
	Caecum pulchellum							
	Capitella							
	Capitella capitata							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Exogone dispar							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Laeonereis culveri							
	Leitoscoloplos							
	Leitoscoloplos fragilis							
	Limulus polyphemus							
	Nemertea							
	Polydora socialis							
	Pseudopolydora							
	Scolecopsis squamata							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35B-97	octb97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Acteocina canaliculata		count	Actual			11	
	Actiniaria		count	Actual			9	
	Almyracuma proximoculi		count	Actual			4	
	Amygdalum papyrium		count	Actual			4	
	Aricidea philbinae		count	Actual			5	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia		count	Actual			4	
	Caecum		count	Actual			5	
	Caenis		count	Actual			15	
	Capitella capitata		count	Actual			5	
	Capitomastus		count	Actual			5	
	Cerapus		count	Actual			26	
	Corbula contracta		count	Actual			4	
	Eteone heteropoda		count	Actual			9	
	Exogone dispar		count	Actual			14	
	Geukensia demissa		count	Actual			4	
	Grandidierella bonnieri		count	Actual			26	
	Gyptis brevipalpa		count	Actual			9	
	Halmyrapseudes bahamensis		count	Actual			4	
	Hargeria rapax		count	Actual			4	
	Hyalellidae							
	Idoteidae							
	Laeonereis culveri							
	Leitoscoloplos							
	Leitoscoloplos robustus		count	Actual			0	
	Nemertea		count	Actual			9	
	Ophiuroidea		count	Actual			9	
	Podarkeopsis levifuscina		count	Actual			0	
	Polydora ligni							
	Sabellidae							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tagelus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-93-01	St 41 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Actiniaria							
	Ampelisca vadorum							
	Anthozoa							
	Aricidea fragilis							
	Aricidea philbinae							
	Aricidea suecica							
	Cyclaspis varians							
	Cyrenoida floridana							
	Gastropoda							
	Glycera abbranchiata							
	Glycinde solitaria							
	Holothuroidea							
	Limnodriloides barnardi							
	Lucina							
	Lucina pectinata							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Mediomastus							
	Mulinia lateralis							
	Nemertea							
	Oxyurostylis smithi							
	Pelecypoda							
	Polinices							
	Polydora							
	Scolecopsis squamata							
	Scoloplos							
	Scoloplos acmeceps							
	Scoloplos texana							
	Sipuncula							
	Streblospio benedicti							
	Tubificidae							
	Turbellaria							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-93-02	St 41 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea fragilis							
	Aricidea philbinae							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Bushia elegans							
	Capitomastus							
	Divaricella quadrisulcata							
	Gastropoda							
	Leitoscoloplos robustus							
	Limnodriloides							
	Lumbrineris verrilli							
	Monoculodes nyei							
	Oxyurostylis smithi							
	Prionospio cristata							
	Scolecopsis texana							
	Spio pettiboneae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-96-02	St 41 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amygdalum papyrium							
	Chaetognatha							
	Cyclaspis varians							
	Eteone							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Glycera abbranchiata							
	Lumbrineris verrilli							
	Nemertea							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-97-01	St 41 Spring 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheidae							
	Amygdalum papyrium							
	Aricidea							
	Armandia							
	Caprellidae							
	Chione cancellata							
	Chone							
	Cyrenoida floridana							
	Diopatra cuprea							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Holothuroidea							
	Leitoscoloplos							
	Nemertea							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nereididae							
	Opisthobranchia							
	Paguridae							
	Penaeus							
	Phoronis architecta							
	Pinnixa							
	Platynereis dumerilii							
	Polydora socialis							
	Polydora websteri							
	Prionospio							
	Pycnogonida							
	Rhynchocoela							
	Scolelepis							
	Scolelepis texana							
	Sipuncula							
	Tagelus divisus							
	Tagelus plebeius							
	Tanaidacea							
	Tellina							
	Terebellides stroemi							
	Tharyx							
	Tubificidae							

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-97-02	St 41 Fall 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheidae		count	Actual			26	
	Amphipoda		count	Actual			26	
	Amygdalum papyrium		count	Actual			4	
	Anomalocardia auferiana		count	Actual			4	
	Aricidea philbinae		count	Actual			5	
	Bivalvia		count	Actual			4	
	Bushia elegans		count	Actual			5	
	Capitella capitata							
	Cerapus							
	Corbula contracta							
	Dasybranchus							
	Divaricella quadrisulcata		count	Actual			4	
	Exogone dispar		count	Actual			14	
	Geukensia demissa		count	Actual			4	
	Glycera abbranchiata		count	Actual			0	
	Grandidierella bonnieri		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hobsonia florida		count	Actual			6	
	Holothuroidea		count	Actual			13	
	Hyalrellidae							
	Laeonereis culveri		count	Actual			14	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Laonome		count	Actual				
	Leitoscoloplos robustus		count	Actual			0	
	Limnodrilus							
	Lumbrineris verrilli		count	Actual			9	
	Malacoceros vanderhorsti		count	Actual				
	Nemertea		count	Actual			9	
	Neritina		count	Actual			11	
	Notomastus hemipodus		count	Actual			5	
	Ophiuroidea		count	Actual			9	
	Parvilucina multilineata		count	Actual			4	
	Phyllodoce arenae		count	Actual			9	
	Polydora socialis		count	Actual			13	
	Prionospio cristata		count	Actual			13	
	Pseudopolydora		count	Actual			13	
	Scolecipis texana		count	Actual			13	
	Spiochaetopterus oculatus		count	Actual			13	
	Tagelus divisus		count	Actual			4	
	Tubificidae		count	Actual			5	
	Tubificoides		count	Actual			5	
	Tubificoides brownae		count	Actual				
	Xenanthura brevitelson		count	Actual			26	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-98-01	St 41 Spring 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amphiuridae							
	Aricidea philbinae							
	Bivalvia							
	Chaetognatha							
	Diopatra cuprea							
	Glycera abbranchiata							
	Limnodriloides							
	Limnodriloides rubicundus							
	Lucina pectinata							
	Lumbrineris verrilli							
	Malacoceros vanderhorsti							
	Mediomastus							
	Monticellina dorsobranchialis							
	Mysella planulata							
	Oligochaeta							
	Scoloplos rubra							
	Smithsonidrilus							
	Tagelus divisus							
	Tubificidae							
	Tubificoides brownae							
	Xenanthura brevitelson							

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-98-02	St 41 Fall 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Pollution	Functional Feeding Group	Trophic Level
	Amygdalum papyrium								
	Bushia elegans								
	Capitella capitata								
	Cerapus								
	Glycinde nordmanni								
	Haplotaxida								
	Limnodriloides barnardi								
	Limnodriloides rubicundus								
	Lumbrineris verrilli								
	Mysella planulata								
	Polydora socialis								
	Scoloplos rubra								
	Tagelus divisus								
	Tubificidae								
	Tubificoides brownae								
	Xenanthura brevitelson								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-99-01	FEB9941a	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea fragilis							
	Aricidea philbinae							
	Capitella							
	Capitella capitata							
	Caprellidae							
	Corophium							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Haplotaxida							
	Hargeria rapax							
	Laeonereis culveri							
	Limnodriloides							
	Limnodriloides rubicundus							
	Lucina pectinata							
	Lumbrinereis							
	Lumbrineris verrilli							
	Macoma							
	Mediomastus							
	Microdeutopus anomalus							
	Nemertea							
	Polydora ligni							
	Polydora socialis							
	Prionospio cristata							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Prionospio heterobranchia							
	Pseudopolydora							
	Scolelepidides viridis							
	Smithsonidrilus							
	Tubificidae							
	Tubificoides brownae							
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-92-01	St 54 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Aricidea philbinae							
	Bivalvia							
	Capitella capitata							
	Edotea triloba							
	Glycera							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hobsonia florida							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Leitoscoloplos fragilis							
	Mediomastus ambiseta							
	Mulinia lateralis							
	Mysidopsis almyra							
	Nemertea							
	Ogyrides alphaerostris							
	Prionospio heterobranchia							
	Scolecopsis texana							
	Streblospio benedicti							
	Tagelus divisus							
	Tellina							
	Tharyx dorsobranchialis							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-92-02	St. 54 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Bivalvia							
	Capitella capitata							
	Decapoda							
	Edotea montosa							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Nemertea							
	Prionospio cristata							
	Prionospio multibranchiata							
	Streblospio benedicti							
	Tharyx dorsobranchialis							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-93-01	St 54 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Capitella capitata							
	Cyathura polita							
	Cyclaspis varians							
	Cymadusa compta							
	Decapoda							
	Edotea montosa							
	Glycinde solitaria							
	Hargeria rapax							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hobsonia florida							
	Hydrozoa							
	Leitoscoloplos							
	Lucina							
	Lucina pectinata							
	Mulinia lateralis							
	Nemertea							
	Polypedilum scalaenum							
	Scoloplos							
	Spionidae							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-93-02	St 54 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Aricidea philbinae							
	Bivalvia							
	Cerapus tubularis							
	Cirratulidae							
	Glycinde solitaria							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Halmyrapseudes bahamensis							
	Hobsonia florida							
	Leitoscoloplos fragilis							
	Leitoscoloplos robustus							
	Lumbrineris verrilli							
	Mediomastus californiensis							
	Mysidopsis bahia							
	Rangia cuneata							
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Tellinidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-94-01	St 54 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Ampelisca vadorum							
	Cyathura polita							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Munna reynoldsi							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nemertea							
	Polypedilum scalaenum							
	Scoloplos fragilis							
	Spionidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-94-02	St 54 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Capitella capitata							
	Chironomus							
	Polypedilum scalaenum							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-95-01	St 54 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Capitella capitata							
	Eteone							
	Fabricia							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Grandidierella bonnieroides							
	Laeonereis culveri							
	Mysidopsis bahia							
	Nemertea							
	Polypedilum scalaenum							
	Spionidae							
	Streblospio benedicti							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-95-02	St 54 Fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Chironomus							
	Corophium lacustre							
	Gastropoda							
	Polypedilum scalaenum							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-96-01	St 54 Spring 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Cyathura polita							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Mysidopsis bahia							
	Penaeus							
	Peneus							
	Phyllodocidae							
	Polypedilum scalaenum							
	Scoloplos fragilis							
	Streblospio benedicti							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-96-02	St 54 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Bivalvia							
	Capitellides jonesi							
	Cyathura polita							
	Grandidierella bonnieroides							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Hydrozoa							
	Laeonereis culveri							
	Nematomorpha							
	Nemertea							
	Polypedilum scalaenum							
	Rangia cuneata							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-97-01	St. 54 Spring 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Almyracuma proximoculi							
	Ampelisca abdita							
	Bivalvia							
	Capitomastus							
	Cerapus							
	Edotea triloba							
	Gastropoda							
	Halmyrapseudes bahamensis							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Maldanidae							
	Mediomastus							
	Mysidacea							
	Mysidae							
	Nemertea							
	Ogyrides alphaerostris							
	Pseudopolydora							
	Streblospio benedicti							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-97-02	St 54 Fall 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Dasyhelea		count	Actual			15	
	Entomobryidae		count	Actual			6	
	Grandidierella bonnieri		count	Actual			26	
	Hyalellidae							
	Nemertea		count	Actual			9	
	Polypedilum scalaenum		count	Actual			16	
	Streblospio benedicti							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-98-01	St 54 Spring 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Cryptochironomus							
	Cyathura polita							
	Edotea montosa							
	Geukensia demissa							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Polypedilum scalaenum							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-98-02	St 54 Fall 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Grandidierella bonnieroides							
	Mysidacea							
	Mysidopsis bahia							
	Prionospio perkinsi							
	Sabellidae							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Spirorbis							
	Steninionereis							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-98-2	St. 54 Fall 1998	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Grandidierella bonnieroides							
	Mysidacea							
	Mysidopsis bahia							
	Prionospio perkinsi							
	Sabellidae							
	Spirorbis							
	Steninionereis							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-99-01	St 54 Spring 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Edotea triloba							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Grandidierella bonnieroides							
	Hargeria rapax							
	Limnodriloides barnardi							
	Listriella barnardi							
	Mysidopsis bahia							
	Nemertea							
	Polypedilum scalaenum							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-92-01	St 60 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Amphipoda							
	Aoridae							
	Armandia agilis							
	Bathyporeia parkeri							
	Bivalvia							
	Capitella capitata							
	Enteropneusta							
	Gastropoda							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Holothuroidea							
	Nemertea							
	Parvilucina multilineata							
	Rangia cuneata							
	Scolelepis texana							
	Sthenelais							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-92-02	St 60 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amygdalum papyrium							
	Aricidea philbinae							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Decapoda							
	Dorvillea sociabilis							
	Glycinde solitaria							
	Mulinia lateralis							
	Nemertea							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Oxyurostylis smithi							
	Phoronis							
	Scolelepis texana							
	Streblospio benedicti							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-93-01	St 60 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Caecum pulchellum							
	Capitella capitata							
	Cryptochironomus							
	Cyclaspis varians							
	Edotea montosa							
	Glycera abbranchiata							
	Glycinde solitaria							
	Hargeria rapax							
	Maldanidae							
	Mulinia lateralis							
	Mysidopsis furca							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nemertea							
	Phoronis							
	Polydora socialis							
	Scolecipis squamata							
	Spiochaetopterus costarum							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-93-02	St 60 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Aricidea philbinae							
	Balanus							
	Bivalvia							
	Bowmaniella floridana							
	Capitella capitata							
	Cirrophorus							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Gyptis brevipalpa							
	Halmyrapseudes bahamensis							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Limnodriloides barnardi							
	Nemertea							
	Oxyurostylis smithi							
	Rangia cuneata							
	Scolecipis texana							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-94-01	St 60 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca abdita							
	Bivalvia							
	Bowmaniella floridana							
	Caecum pulchellum							
	Capitella capitata							
	Gastropoda							
	Glycera abbranchiata							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hargeria rapax							
	Leitoscoloplos							
	Lumbrineris verrilli							
	Lyonsia hyalina floridana							
	Nemertea							
	Nereididae							
	Oxyurostylis smithi							
	Penaeidae							
	Polypedilum scalaenum							
	Scolecipis texana							
	Tagelus divisus							
	Tanaidacea							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-94-02	St 60 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Anthozoa							
	Astarte nana							
	Bowmaniella floridana							
	Capitella capitata							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Corophium							
	Cryptochironomus							
	Laeonereis culveri							
	Nemertea							
	Oligochaeta							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-95-01	St 60 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca abdita							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Corophium lacustre							
	Cryptochironomus							
	Cyclaspis varians							
	Fabricia							
	Gastropoda							
	Glycinde solitaria							
	Grandidierella bonnieroides							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hargeria rapax							
	Mulinia lateralis							
	Munna reynoldsi							
	Nemertea							
	Oxyurostylis smithi							
	Pinnixa							
	Polypedilum scalaenum							
	Scolecopsis texana							
	Streblospio benedicti							
	Tellina							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-95-02	St 60 Fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca abdita							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Corophium lacustre							
	Cryptochironomus							
	Cyclaspis varians							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Fabricia							
	Gastropoda							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Hargeria rapax							
	Mulinia lateralis							
	Munna reynoldsi							
	Nemertea							
	Oxyurostylis smithi							
	Pinnixa							
	Polypedilum scalaenum							
	Scolelepis texana							
	Streblospio benedicti							
	Tellina							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-96-01	St 60 Spring 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Bulla striata							
	Capitella capitata							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Corophium lacustre							
	Cyathura polita							
	Cyrenoida floridana							
	Diopatra cuprea							
	Eteone							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Holothuroidea							
	Laeonereis culveri							
	Leitoscoloplos fragilis							
	Mulinia lateralis							
	Munna reynoldsi							
	Nemertea							
	Opisthobranchia							
	Rangia cuneata							
	Scolecipis texana							
	Sphaerosyllis							
	Streblospio benedicti							
	Tellina							
	Tubificidae							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-96-02	St 60 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
	Bowmaniella floridana							
	Capitella capitata							
	Capitellides jonesi							
	Gastropoda							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Laeonereis culveri							
	Leitoscoloplos fragilis							
	Limnodriloides							
	Nemertea							
	Neritina							
	Oxyurostylis smithi							
	Rangia cuneata							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-97-01	St 60 Spring 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Amphipoda							
	Amygdalum papyrium							
	Bowmaniella floridana							
	Capitella capitata							
	Cyathura polita							
	Cyrenoida floridana							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Leitoscoloplos fragilis							
	Maldanidae							
	Nemertea							
	Neritina							
	Oxyurostylis smithi							
	Rangia cuneata							
	Scolecopsis texana							
	Streblospio benedicti							
	Tagelus divisus							
	Tubificidae							
	Turbellaria							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-97-02	St 60 Fall 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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Loxahatchee River District (Florida)

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia		count	Actual			4	
	Capitella capitata		count	Actual			5	
	Corophium ellisi		count	Actual			4	
	Hargeria rapax		count	Actual			4	
	Limnodriloides rubicundus		count	Actual			5	
	Nemertea		count	Actual			9	
	Polypedilum scalaenum		count	Actual			16	
	Streblospio benedicti		count	Actual			13	
	Tubificidae		count	Actual			5	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-98-02	St 60 Fall 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Anomalocardia auberiana							
	Bowmaniella							
	Capitella capitata							
	Cyathura polita							
	Hargeria rapax							
	Leitoscoloplos							
	Lucina pectinata							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nemertea							
	Tagelus divisus							
	Tellina							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60-99-02	St 60 Fall 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae							
	Bivalvia							
	Bowmaniella							
	Capitella capitata							
	Edotia triloba							
	Gitanopsis							
	Halmyrapseudes bahamensis							
	Haplotaxida							
	Hargeria rapax							
	Leitoscoloplos robustus							
	Limnodriloides							
	Limnodriloides rubicundus							
	Lucina pectinata							
	Nemertea							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Oxyurostylis smithi							
	Scolelepis squamata							
	Tellinidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-02-98	St 62 Fall 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Cyathura polita							
	Grandierella bonnieroides							
	Halmyrapseudes bahamensis							
	Laeonereis culveri							
	Lucina pectinata							
	Myzobdella							
	Nemertea							
	Neritina							
	Polypedilum halterale							
	Polypedilum scalaenum							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-92-01	St 62 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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Loxahatchee River District (Florida)

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Bowmaniella floridana							
	Capitella capitata							
	Chaetognatha							
	Cyathura polita							
	Decapoda							
	Glycera abbranchiata							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Hobsonia florida							
	Laeonereis culveri							
	Lucina pectinata							
	Mulinia lateralis							
	Nemertea							
	Polydora socialis							
	Polymesoda caroliniana							
	Sipuncula							
	Streblospio benedicti							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-92-02	St 62 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aoridae							
	Bivalvia							
	Cerapus tubularis							
	Cladotanytarsus							
	Corophium tuberculatum							
	Cryptochironomus							
	Cyathura polita							
	Edotea montosa							
	Gammaridae							
	Gastropoda							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Neanthes succinea							
	Nemertea							
	Neritina virginea							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-93-01	St 62 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aoridae							
	Bivalvia							
	Cryptochironomus							
	Cryptotendipes							
	Cyathura polita							
	Cyrenoida floridana							
	Gastropoda							
	Geukensia demissa							
	Grandidierella bonnieroides							
	Hargeria rapax							
	Laeonereis culveri							
	Limnodriloides barnardi							
	Lucina pectinata							
	Nereididae							
	Neritina reclivata							
	Nudibranchia							
	Polydora socialis							
	Polypedilum scalaenum							
	Streblospio benedicti							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-93-02	St 62 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Bowmaniella floridana							
	Cerapus benthophilus							
	Corophium							
	Corophium lacustre							
	Cryptochironomus							
	Cyathura polita							
	Edotea montosa							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Laeonereis culveri							
	Limnodriloides							
	Monopylephorus rubroniveus							
	Neanthes succinea							
	Nemertea							
	Paranais litoralis							
	Tagelus divisus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-94-01	St 62 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Bivalvia							
	Cyathura polita							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Hobsonia florida							
	Laeonereis culveri							
	Limnodriloides rubicundus							
	Myzobdella							
	Nemertea							
	Neritina virginea							
	Penaeus							
	Polydora ligni							
	Polypedilum scalaenum							
	Streblospio benedicti							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-94-02	St 62 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Bivalvia							
	Cerapus							
	Cladotanytarsus							
	Corophium lacustre							
	Cryptochironomus							
	Cyathura polita							
	Edotea montosa							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Hobsonia florida							
	Laeonereis culveri							
	Mytilopsis leucophaeata							
	Neritina							
	Polymesoda caroliniana							
	Polypedilum scalaenum							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-95-01	St 62 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Corophium lacustre							
	Cryptochironomus							
	Cyathura polita							
	Dicrotendipes							
	Grandidierella bonnieroides							
	Hobsonia florida							
	Hydrobiidae							
	Laeonereis culveri							
	Myzobdella							
	Neritina							
	Palpomyia							
	Polydora ligni							
	Polymesoda caroliniana							
	Polypedilum scalaenum							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-95-02	St 62 Fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Alpheus							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Cassidinidea ovalis							
	Corophium lacustre							
	Cryptochironomus							
	Cyathura polita							
	Dero trifida							
	Grandidierella bonnieroides							
	Hobsonia florida							
	Hydroida							
	Nemertea							
	Nereididae							
	Neritina							
	Polymesoda caroliniana							
	Polypedilum halterale							
	Polypedilum scalaenum							
	Polypedilum tritum							
	Rhithropanopeus harrisii							
	Stenonereis							
	Stenochironomus							
	Streblospio benedicti							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-96-01	St 62 Spring 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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Loxahatchee River District (Florida)

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Capitella capitata							
	Corophium lacustre							
	Cryptochironomus							
	Cyathura polita							
	Dicrotendipes							
	Eteone heteropoda							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Hydrobiidae							
	Laeonereis culveri							
	Monopylephorus							
	Myzobdella							
	Nemertea							
	Neritina							
	Polydora ligni							
	Polydora socialis							
	Polymesoda caroliniana							
	Polypedilum scalaenum							
	Streblospio benedicti							
	Tagelus plebeius							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-96-02	St 62 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Pollution	Functional Feeding Group	Trophic Level
	Aricidea philbinae								
	Axiothella mucosa								
	Capitella capitata								
	Cautleriella								
	Chone americana								
	Cirratulidae								
	Cyathura polita								
	Glycera abbranchiata								
	Kalliapseudes								
	Leitoscoloplos robustus								
	Maldanidae								
	Oxyurostylis smithi								
	Polydora socialis								
	Prionospio heterobranchia								
	Scolecopsis texana								
	Streblospio benedicti								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-97-01	St 67 Spring 97	Sample	Biological	Taxon Abundance	Mammals	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Cyathura polita							
	Halmyrapseudes bahamensis							
	Laeonereis culveri							
	Myzobdella							
	Polydora socialis							
	Streblospio benedicti							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-98-01	St 62 Spring 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Chironomus							
	Cladotanytarsus							
	Cryptochironomus							
	Cyathura polita							
	Dicrotendipes							
	Hargeria rapax							
	Laeonereis culveri							
	Mediomastus							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Myzobdella lugubris							
	Nemertea							
	Neritina							
	Polydora ligni							
	Polypedilum scalaenum							
	Transennella stimpsoni							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-99-01	St 62 Spring 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Cryptochironomus							
	Cyathura polita							
	Edotia triloba							
	Gammarus tigrinus							
	Hydrobiidae							
	Laeonereis culveri							
	Lucina pectinata							
	Myzobdella							
	Nemertea							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polymesoda caroliniana							
	Polypedilum scalaenum							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-00-02	St 67 Fall 00	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe							
	Caenis							
	Cassidinidea ovalis							
	Corynoneura							
	Hargeria rapax							
	Hydrobiidae							
	Hydroptila							
	Munna reynoldsi							
	Polycentropus							
	Polypedilum scalaenum							
	Rheotanytarsus							
	Stenochironomus							
	Tanytarsus							
	Tribelos fuscicorne							

Characteristic Group Details

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-01-01	St 67 Spring 01	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi							
	Ablabesmyia rhamphe							
	Caenis							
	Cassidinidea ovalis							
	Chironomus							
	Corynoneura							
	Dicrotendipes							
	Exosphaeroma diminutum							
	Gammarus tigrinus							
	Labrundinia becki							
	Nais communis							
	Nemertea							
	Nilothauma							
	Palaemonetes pugio							
	Pentaneura							
	Polydora socialis							
	Polypedilum scalaenum							
	Pristina							
	Pyrgophorus platyrachis							
	Rheotanytarsus							
	Slavina appendiculata							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Stenochironomus							
	Tanytarsus							
	Thienemanniella							
	Tribelos fuscicorne							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-01-95	St 67 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Aulodrilus pigueti		count	Actual			5	
	Bivalvia		count	Actual			4	
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	
	Dero		count	Actual			5	
	Dero digitata		count	Actual			5	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hydrobiidae		count	Actual			6	
	Munna reynoldsi		count	Actual			26	
	Neotrichia		count	Actual			11	
	Palaemonetes		count	Actual			26	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Palaemonetes pugio		count	Actual			26	
	Palaemonetes vulgaris		count	Actual			26	
	Pentaneura		count	Actual			9	
	Polycentropodidae		count	Actual			62	
	Polycentropus		count	Actual			62	
	Polypedilum halterale		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum		count	Actual			16	
	Pristina synclites		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Rhithropanopeus harrisii		count	Actual			0	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	
	Tubificidae		count	Actual			5	
	Xenanthura brevitelson		count	Actual			26	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-01-96	St 67 Spring 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Cassidinidea ovalis		count	Actual			12	
	Chaetogaster diastrophus		count	Actual				
	Cladotanytarsus		count	Actual			13	
	Coenagrionidae		count	Actual			9	
	Corynoneura		count	Actual			6	
	Dero digitata		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hydropsychidae		count	Actual			4	
	Hydroptila		count	Actual			8	
	Nais communis		count	Actual			5	
	Nais elinguis		count	Actual			5	
	Nais pardalis		count	Actual			5	
	Neotrichia		count	Actual			11	
	Pagastiella							
	Palaemonetes vulgaris		count	Actual			26	
	Paracerceis caudata		count	Actual			12	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum							
	Pristina aequiseta		count	Actual			5	
	Pristina leidyi		count	Actual			5	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-01-97	St 67 Spring 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aulodrilus pigueti		count	Actual			5	
	Baetis intercalaris		count	Actual			15	
	Cassinidea ovalis		count	Actual			12	
	Corynoneura		count	Actual			6	
	Dero lodeni		count	Actual			5	
	Dineutus		count	Actual			20	
	Entomobryidae		count	Actual			6	
	Gammarus tigrinus		count	Actual			26	
	Munna reynoldsi		count	Actual			26	
	Nais communis		count	Actual			5	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nais elinguis		count	Actual			5	
	Neotrichia		count	Actual			11	
	Pentaneura		count	Actual			9	
	Polypedilum convictum		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-01-98	St 67 Spring 98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Baetis		count	Actual			15	
	Baetis intercalaris		count	Actual			15	
	Cassinidea ovalis		count	Actual			12	
	Cheumatopsyche		count	Actual			4	
	Corynoneura		count	Actual			6	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Dineutus		count	Actual			20	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hydrobiidae		count	Actual			6	
	Munna reynoldsi		count	Actual			26	
	Nais communis		count	Actual			5	
	Nais pardalis		count	Actual			5	
	Neotrichia		count	Actual			11	
	Pentaneura		count	Actual			9	
	Polypedilum convictum		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum		count	Actual			16	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-02-93	St 67 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Baetidae		count	Actual			15	
	Baetis spinosus		count	Actual			15	
	Caenis		count	Actual			15	
	Cassinidea ovalis		count	Actual			12	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Munna reynoldsi		count	Actual			26	
	Stenochironomus		count	Actual			16	
	Tanaidacea		count	Actual			13	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Xanthidae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-02-95	St 67 Fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Baetidae		count	Actual			15	
	Baetis spiethi		count	Actual			15	
	Beardius		count	Actual			15	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caenis		count	Actual			15	
	Dero digitata		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Hargeria rapax		count	Actual			4	
	Hyalella azteca		count	Actual			16	
	Hydrobiidae		count	Actual			6	
	Munna reynoldsi		count	Actual			26	
	Neotrichia		count	Actual			11	
	Paracerceis caudata		count	Actual			12	
	Pentaneura		count	Actual			9	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum		count	Actual			16	
	Pristina leidy		count	Actual			5	
	Pristinella longisoma		count	Actual			5	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-02-96	St 67 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Baetidae		count	Actual			15	
	Baetis intercalaris		count	Actual			15	
	Caenis		count	Actual			15	
	Cassinidea ovalis		count	Actual			12	
	Corynoneura		count	Actual			6	
	Hargeria rapax		count	Actual			4	
	Munna reynoldsi		count	Actual			26	
	Nais communis		count	Actual			5	
	Neotrichia		count	Actual			11	
	Pentaneura		count	Actual			9	
	Polycentropodidae		count	Actual			62	
	Polypedilum illinoense		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Pristina aequisetia		count	Actual			5	
	Pristina leidy		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Stenelmis		count	Actual			15	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-02-97	St 67 Fall 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ancylidae		count	Actual			11	
	Baetis		count	Actual			15	
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	
	Cheumatopsyche		count	Actual			4	
	Dineutus		count	Actual			20	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hydra		count	Actual			9	
	Nais pardalis		count	Actual			5	
	Neotrichia		count	Actual			11	
	Pentaneura		count	Actual			9	
	Polypedilum scalaenum		count	Actual			16	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-02-98	list 67 fall 1998	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Baetidae		count	Actual			15	
	Baetis intercalaris		count	Actual			15	
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	
	Cladotanytarsus		count	Actual			13	
	Dero		count	Actual			5	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	
	Labrundinia		count	Actual			9	
	Nais communis		count	Actual			5	
	Neotrichia		count	Actual			11	
	Pentaneura		count	Actual			9	
	Polycentropus		count	Actual			62	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum		count	Actual			16	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tipulidae		count	Actual			16	
	Tribelos fuscicorne		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-91-02	Fall9167	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi							
	Argia							
	Caenis diminuta							
	Cassidinidea ovalis							
	Chironomidae							
	Cladotanytarsus							
	Dero trifida							
	Dicrotendipes							
	Naididae							
	Odonata							
	Pentaneura inconspicua							
	Phaenopsectra							
	Polycentropus							
	Polypedilum scalaenum							
	Polypedilum simulans							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Slavina appendiculata							
	Tanytarsus							
	Tanytarsus glabrescens							
	Tanytarsus guerlus							
	Uromunna reynoldsi							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-92-02	Spring 1992 Run #2	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Caenis		count	Actual			15	
	Cassinidea ovalis		count	Actual			12	
	Chironomus		count	Actual			16	
	Crustipellis tribranchiata		count	Actual			5	
	Decapoda		count	Actual				
	Dero lodeni		count	Actual			5	
	Dero trifida		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Gobiidae		count	Actual				
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nais pardalis		count	Actual			5	
	Nanocladius		count	Actual			6	
	Oxyethira		count	Actual			14	
	Parachironomus		count	Actual			14	
	Penaeus		count	Actual			26	
	Polycentropus		count	Actual			62	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Xanthidae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-92-03	Fall 1992 run	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Cassinidea ovalis		count	Actual			12	
	Hargeria rapax							
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	
	Labrundinia		count	Actual			9	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Munna reynoldsi		count	Actual			26	
	Nais pardalis		count	Actual			5	
	Orthotrichia		count	Actual			8	
	Parachironomus							
	Penaeus		count	Actual			26	
	Polycentropus		count	Actual			62	
	Polypedilum illinoense		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-92311	Spring 92 Macro67	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Amphipoda		count	Actual			20	
	Aulodrilus pigueti		count	Actual			5	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	
	Chironomus		count	Actual			16	
	Cladotanytarsus		count	Actual			13	
	Crustipellis tribranchiata		count	Actual			5	
	Cryptotendipes		count	Actual			6	
	Dero lodeni		count	Actual			5	
	Dero trifida		count	Actual			5	
	Gammarus tigrinus		count	Actual			26	
	Gastropoda		count	Actual			11	
	Gobiidae		count	Actual				
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	
	Labrundinia		count	Actual			9	
	Munna reynoldsi							
	Nais communis		count	Actual			5	
	Nais pardalis		count	Actual			5	
	Nemertea		count	Actual			9	
	Neritina virginea		count	Actual			11	
	Nilothauma		count	Actual			6	
	Orthotrichia		count	Actual			8	
	Paralauterborniella		count	Actual			6	
	Polypedilum halterale		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pristina synclites		count	Actual			5	
	Pristinella jenkiniae		count	Actual			5	
	Slavina appendiculata		count	Actual			5	
	Tanytarsus		count	Actual			13	
	Tribelos		count	Actual			6	
	Trichoptera		count	Actual				
	Tricladida		count	Actual			9	
	Tubificidae		count	Actual			5	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-93-01	March 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia janta		count	Actual			14	
	Ancylidae		count	Actual			11	
	Baetidae		count	Actual			15	
	Caenis		count	Actual			15	
	Cassinidea ovalis		count	Actual			12	
	Cheumatopsyche		count	Actual			4	
	Corynoneura		count	Actual			6	
	Dero		count	Actual			5	
	Dineutus							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Gastropoda		count	Actual			11	
	Hargeria rapax		count	Actual			4	
	Hydra		count	Actual			9	
	Labrundinia pilosella		count	Actual			9	
	Menetus dilatatus		count	Actual			0	
	Munna reynoldsi		count	Actual			26	
	Nais		count	Actual			5	
	Nanocladius		count	Actual			6	
	Nemertea		count	Actual			9	
	Nilothauma		count	Actual			6	
	Pentaneura		count	Actual			9	
	Pristinella longisoma		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanais							
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Trichoptera		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-94-02	list 67 fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Baetidae		count	Actual			15	
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	
	Corynoneura		count	Actual			6	
	Dero		count	Actual			5	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hydrobiidae		count	Actual			6	
	Hydropsychidae		count	Actual			4	
	Hydroptila		count	Actual			8	
	Munna reynoldsi		count	Actual			26	
	Nanocladius		count	Actual			6	
	Neotrichia		count	Actual			11	
	Palaemonetes pugio		count	Actual			26	
	Parachironomus carinatus		count	Actual			14	
	Polypedilum tritum		count	Actual			16	
	Pristina leidy							
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-95-01	list 67 spring 1994	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	
	Corixidae		count	Actual			28	
	Corynoneura		count	Actual			6	
	Gammarus tigrinus		count	Actual			26	
	Hargeria rapax		count	Actual			4	
	Hydroptilidae		count	Actual				
	Labrundinia pilosella		count	Actual			9	
	Leptoceridae		count	Actual			16	
	Pentaneura		count	Actual			9	
	Polypedilum convictum		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-99-01	feb9967	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Argia							
	Baetidae							
	Baetis intercalaris							
	Cheumatopsyche							
	Coenagrionidae							
	Corynoneura							
	Exosphaeroma diminutum							
	Gammarus tigrinus							
	Hargeria rapax							
	Hydra							
	Hydrobiidae							
	Mayatrichia							
	Menetus dilatatus							
	Nais communis							
	Neotrichia							
	Pentaneura							
	Polypedilum convictum							
	Polypedilum scalaenum							
	Rheotanytarsus							
	Slavina appendiculata							
	Stenochironomus							
	Tanais							
	Tanytarsus							
	Thienemanniella							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tribelos fuscicorne							
	Tricladida							
	Uromunna reynoldsi							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-99-02	67 FALL 1999	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi							
	Ablabesmyia rhamphe							
	Ancyliidae							
	Baetidae							
	Baetis							
	Baetis intercalaris							
	Caenis							
	Chaetogaster diastrophus							
	Chironomus							
	Dero digitata							
	Dero furcata							
	Dicrotendipes							
	Gammarus tigrinus							
	Gastropoda							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Grandidierella bonnieroides							
	Hargeria rapax							
	Hydra							
	Hydrobiidae							
	Munna reynoldsi							
	Nais communis							
	Nanocladius							
	Neotrichia							
	Palaemonetes pugio							
	Parachironomus							
	Pentaneura							
	Polycentropodidae							
	Polypedilum illinoense							
	Polypedilum scalaenum							
	Polypedilum tritum							
	Pristina							
	Pristina aequisetata							
	Pristina leidy							
	Slavina appendiculata							
	Stenochironomus							
	Tanytarsus							
	Tribelos fuscicorne							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-00-02	69 Fall 00	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe							
	Argia sedula							
	Asheum beckae							
	Baetis intercalaris							
	Caenis							
	Cheumatopsyche							
	Cyrnellus fraternus							
	Dineutus							
	Hyalella azteca							
	Hydroptila							
	Nais communis							
	Nanocladius							
	Pentaneura							
	Planorbella duryi							
	Polycentropus							
	Polypedilum illinoense							
	Polypedilum scalaenum							
	Pyrgophorus platyrachis							
	Rheotanytarsus							
	Stenochironomus							
	Tanytarsus							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tribelos fuscicorne							
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
69-01-01	69 Spring 01	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N	

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia philosphagnos							
	Ablabesmyia rhamphe							
	Argia sedula							
	Byssanodonta cubensis							
	Caenis							
	Callibaetis floridanus							
	Coenagrionidae							
	Cyrnellus fraternus							
	Hyaella azteca							
	Hydra							
	Hydrobiidae							
	Hydroptila							
	Labrundinia becki							
	Nilothauma							
	Palaemonetes paludosus							
	Physella							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Planorbella duryi							
	Polypedilum illinoense							
	Pyrgophorus platyrachis							
	Rheotanytarsus							
	Stenochironomus							
	Tanytarsus							
	Tribelos fuscicorne							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-01-96	list 69 fall 1996	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Aulodrilus pigueti		count	Actual			5	
	Bivalvia		count	Actual			4	
	Byssanodonta cubensis		count	Actual			4	
	Caenis		count	Actual			15	
	Coenagrionidae		count	Actual			9	
	Corynoneura		count	Actual			6	
	Cryptochironomus							
	Cyrnellus fraternus		count	Actual			4	
	Dero		count	Actual			5	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Dubiraphia		count	Actual			15	
	Gastropoda		count	Actual			11	
	Hydrobiidae		count	Actual			6	
	Nilothauma		count	Actual			6	
	Physella		count	Actual			11	
	Polycentropodidae		count	Actual			62	
	Polycentropus		count	Actual			62	
	Polypedilum convictum		count	Actual			16	
	Polypedilum halterale		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Pristina aequisetia		count	Actual			5	
	Pristina leidy		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-01-97	list 69 spring 1997	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Argia		count	Actual			9	
	Baetidae		count	Actual			15	
	Baetis intercalaris		count	Actual			15	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Cheumatopsyche		count	Actual			4	
	Cyrnellus fraternus		count	Actual			4	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Hyaella azteca		count	Actual			16	
	Labrundinia becki		count	Actual			9	
	Neotrichia		count	Actual			11	
	Nilothauma		count	Actual			6	
	Palaemonetes vulgaris		count	Actual			26	
	Paratanytarsus		count	Actual			13	
	Pentaneura		count	Actual			9	
	Polycentropodidae		count	Actual			62	
	Polydora socialis		count	Actual			13	
	Polypedilum convictum		count	Actual			16	
	Polypedilum illinoense		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Pristina aequisetata		count	Actual			5	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-01-98	list 69 spring 1998	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Caenis		count	Actual			15	
	Cheumatopsyche		count	Actual			4	
	Corynoneura		count	Actual			6	
	Cyrnellus fraternus		count	Actual			4	
	Dero		count	Actual			5	
	Entomobryidae		count	Actual			6	
	Hydrobiidae		count	Actual			6	
	Neotrichia		count	Actual			11	
	Nilothauma		count	Actual			6	
	Palaemonetes vulgaris							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pentaneura		count	Actual			9	
	Polycentropus		count	Actual			62	
	Polypedilum tritum		count	Actual			16	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-02-93	list 69 fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Baetis		count	Actual			15	
	Caenis		count	Actual			15	
	Cryptotendipes		count	Actual			6	
	Dero		count	Actual			5	
	Dero lodeni		count	Actual			5	
	Dero trifida		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Hyalella azteca		count	Actual			16	
	Hydra		count	Actual			9	
	Neureclipsis		count	Actual			62	

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polypedilum halterale		count	Actual			16	
	Pristinella longisoma		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-02-96	69 fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Aulodrilus pigueti		count	Actual			5	
	Bivalvia		count	Actual			4	
	Byssanodonta cubensis		count	Actual			4	
	Caenis		count	Actual			15	
	Coenagrionidae		count	Actual			9	
	Corynoneura		count	Actual			6	
	Cryptochironomus							
	Cyrnellus fraternus		count	Actual			4	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Dero		count	Actual			5	
	Dubiraphia		count	Actual			15	
	Gastropoda		count	Actual			11	
	Hydrobiidae		count	Actual			6	
	Nilothauma		count	Actual			6	
	Physella		count	Actual			11	
	Polycentropodidae		count	Actual			62	
	Polycentropus		count	Actual			62	
	Polypedilum convictum		count	Actual			16	
	Polypedilum halterale		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Pristina aequisetata		count	Actual			5	
	Pristina leidy		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-02-97	list 69 fall 1997	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Caenis		count	Actual			15	
	Cynellus fraternus		count	Actual			4	
	Dero digitata		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Hyalella azteca		count	Actual			16	
	Pagastiella		count	Actual			6	
	Polycentropus		count	Actual			62	
	Polypedilum scalaenum		count	Actual			16	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-02-98	list 69 fall 1998	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Ancyliidae		count	Actual			11	
	Baetidae		count	Actual			15	
	Baetis intercalaris		count	Actual			15	
	Bratislavia unidentata		count	Actual			5	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Caenis		count	Actual			15	
	Cheumatopsyche		count	Actual			4	
	Cyrnellus fraternus		count	Actual			4	
	Dero		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Hyalella azteca		count	Actual			16	
	Hydra		count	Actual			9	
	Nanocladius		count	Actual			6	
	Palaemonetes vulgaris		count	Actual			26	
	Polycentropodidae		count	Actual			62	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum		count	Actual			16	
	Pristina aequisetata		count	Actual			5	
	Pristina leidy		count	Actual			5	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-91-02	Fall9169	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi							
	Ablabesmyia rhamphe							
	Argia							
	Baetis							
	Caenis diminuta							
	Chironomidae							
	Chironomus							
	Cryptochironomus fulvus							
	Cyrnellus fraternus							
	Dero trifida							
	Dicrotendipes							
	Enallagma							
	Paralauterborniella nigrohalterale							
	Phaenopsectra							
	Polypedilum							
	Polypedilum simulans							
	Pristina longiseta							
	Pseudochironomus							
	Tanytarsus							
	Tubificidae							
	Turbellaria							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-92-01	Spring 1992	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Ancylidae		count	Actual			11	
	Astacidae		count	Actual			20	
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	
	Chironomus		count	Actual			16	
	Cladopelma		count	Actual			6	
	Coenagrionidae		count	Actual			9	
	Crustipellis tribranchiata		count	Actual			5	
	Cryptotendipes		count	Actual			6	
	Dero		count	Actual			5	
	Dero lodeni		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Elimia		count	Actual			11	
	Gastropoda		count	Actual			11	
	Hebetoncyclus excentricus		count	Actual			11	
	Hyalella azteca		count	Actual			16	
	Hydrobiidae		count	Actual			6	
	Kiefferulus		count	Actual			6	
	Menetus dilatatus		count	Actual			0	
	Neureclipsis		count	Actual			62	
	Pachydiplax		count	Actual			9	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Paralauterborniella		count	Actual			6	
	Physella		count	Actual			11	
	Planorbella duryi		count	Actual			11	
	Polypedilum halterale		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Pristinella longisoma		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Tanytarsus		count	Actual			13	
	Tribelos		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-92-02	Oct 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Aulodrilus pigueti		count	Actual			5	
	Baetis spinosus		count	Actual			15	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Cheumatopsyche		count	Actual			4	
	Chironomus		count	Actual			16	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Dero trifida		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Gastropoda		count	Actual			11	
	Haemonais waldvogeli		count	Actual			5	
	Helobdella triserialis		count	Actual			7	
	Hyalella azteca		count	Actual			16	
	Hydrobiidae		count	Actual			6	
	Nais communis		count	Actual			5	
	Nais pardalis		count	Actual			5	
	Nanocladius		count	Actual			6	
	Neureclipsis		count	Actual			62	
	Orthotrichia		count	Actual			8	
	Parachironomus		count	Actual			14	
	Penaeus		count	Actual			26	
	Pentaneura		count	Actual			9	
	Polycentropus		count	Actual			62	
	Polypedilum illinoense		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Pristina aequisetata		count	Actual			5	
	Pristina leidy		count	Actual			5	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Thienemanniella		count	Actual			6	
	Tribelos		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-93-01	69 mar 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Argia		count	Actual			9	
	Baetidae		count	Actual			15	
	Caenis		count	Actual			15	
	Cheumatopsyche		count	Actual			4	
	Coenagrionidae							
	Corixidae		count	Actual			28	
	Corynoneura		count	Actual			6	
	Cricotopus bicinctus		count	Actual			16	
	Dero		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Gastropoda		count	Actual			11	

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hyaella azteca		count	Actual			16	
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	
	Labrundinia pilosella		count	Actual			9	
	Leptoceridae		count	Actual			16	
	Neureclipsis		count	Actual			62	
	Nilothauma		count	Actual			6	
	Nimbecera		count	Actual			13	
	Orthotrichia		count	Actual			8	
	Paratanytarsus		count	Actual			13	
	Pentaneura		count	Actual			9	
	Polycentropodidae		count	Actual			62	
	Polypedilum illinoense		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Rhithropanopeus harrisii		count	Actual			0	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Trichoptera		count	Actual				
	Turbellaria							

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-94-02	list for 1994 69 fall	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Ampelisca vadorum		count	Actual			26	
	Ancylidae		count	Actual			11	
	Argia		count	Actual			9	
	Asheum beckae		count	Actual			6	
	Beardius		count	Actual			15	
	Byssanodonta cubensis		count	Actual			4	
	Caenis		count	Actual			15	
	Dero		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Elimia		count	Actual			11	
	Gastropoda		count	Actual			11	
	Goeldichironomus		count	Actual			6	
	Hyalella azteca		count	Actual			16	
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	
	Neotrichia		count	Actual			11	
	Polycentropus		count	Actual			62	
	Pyrgophorus platyrachis		count	Actual			11	
	Slavina appendiculata		count	Actual			5	

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tipulidae		count	Actual			16	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-95-01	list for spring 1995 station 6	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Ancylidae		count	Actual			11	
	Argia		count	Actual			9	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Cheumatopsyche		count	Actual			4	
	Cyrnellus fraternus		count	Actual			4	
	Dineutus		count	Actual			20	
	Enallagma		count	Actual			9	
	Gastropoda		count	Actual			11	
	Hyalella azteca		count	Actual			16	

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	
	Nanocladius		count	Actual			6	
	Neotrichia		count	Actual			11	
	Nilothauma		count	Actual			6	
	Pentaneura		count	Actual			9	
	Periclimenes americanus		count	Actual			26	
	Planorbella duryi		count	Actual			11	
	Pleuroceridae		count	Actual			11	
	Polycentropus		count	Actual			62	
	Polypedilum tritum		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus							
	Thienemanniella							
	Tricladida		count	Actual			9	
	Valvatidae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-95-02	list 69 fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Argia		count	Actual			9	
	Asheum beckae		count	Actual			6	
	Aulodrilus pigueti		count	Actual			5	
	Beardius		count	Actual			15	
	Bratislavia unidentata		count	Actual			5	
	Caenis		count	Actual			15	
	Chironomus		count	Actual			16	
	Cyrnellus fraternus		count	Actual			4	
	Dero		count	Actual			5	
	Dero digitata		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Goeldichironomus		count	Actual			6	
	Haemonais waldvogeli		count	Actual			5	
	Hyalella azteca		count	Actual			16	
	Hydrobiidae		count	Actual			6	
	Pentaneura		count	Actual			9	
	Polycentropodidae		count	Actual			62	
	Polycentropus		count	Actual			62	
	Pristina leidy		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Slavina appendiculata		count	Actual			5	
	Sphaeriidae		count	Actual			4	

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-96-01	List 69 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Asheum beckae		count	Actual			6	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Cymellus fraternus		count	Actual			4	
	Dero		count	Actual			5	
	Dero digitata		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Dubiraphia		count	Actual			15	
	Enallagma		count	Actual			9	
	Goeldichironomus		count	Actual			6	

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hyalella azteca		count	Actual			16	
	Hydrobiidae		count	Actual			6	
	Labrundinia becki		count	Actual			9	
	Menetus dilatatus		count	Actual			0	
	Nemertea		count	Actual			9	
	Nilothauma		count	Actual			6	
	Pachydiplax longipennis		count	Actual			9	
	Polycentropus		count	Actual			62	
	Polypedilum scalaenum		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-96-02	HD02-96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi		count	Actual			14	

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Asheum beckae		count	Actual			6	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Cynellus fraternus		count	Actual			4	
	Dero		count	Actual			5	
	Dero digitata		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Dubiraphia		count	Actual			15	
	Enallagma		count	Actual			9	
	Goeldichironomus		count	Actual			6	
	Hyaella azteca		count	Actual			16	
	Hydrobiidae		count	Actual			6	
	Labrundinia becki		count	Actual			9	
	Menetus dilatatus		count	Actual			0	
	Nemertea		count	Actual			9	
	Nilothauma		count	Actual			6	
	Pachydiplax longipennis		count	Actual			9	
	Polycentropus		count	Actual			62	
	Polypedilum scalaenum		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Slavina appendiculata		count	Actual			5	
	Stenochironomus		count	Actual			16	

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-99-01	feb9969	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia mallochi							
	Ablabesmyia rhamphe							
	Caenis							
	Cheumatopsyche							
	Coenagrionidae							
	Corynoneura							
	Cricotopus							
	Hyaella azteca							
	Hydrobiidae							
	Labrundinia pilosella							
	Nais communis							
	Nilothauma							
	Orthotrichia							

Characteristic Group Details

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21FLLOXB **Loxahatchee River District (Florida)**

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pentaneura							
	Polypedilum illinoense							
	Polypedilum scalaenum							
	Rheotanytarsus							
	Stenochironomus							
	Tanytarsus							
	Thienemanniella							
	Tribelos fuscicorne							
	Tricladida							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-99-02	69 fall 99	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe							
	Argia							
	Caenis							
	Cyrnellus fraternus							
	Hyaella azteca							
	Hydra							
	Hydrobiidae							
	Polypedilum illinoense							

Characteristic Group Details

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21FLLOXB **Loxahatchee River District (Florida)**

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polypedilum scalaenum							
	Slavina appendiculata							
	Stenochironomus							
	Tanytarsus							
	Tribelos fuscicorne							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
6901-94L	taxa list for 1994-01-69	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Corynoneura		count	Actual			6	
	Cricotopus		count	Actual			16	
	Cyrnellus fraternus		count	Actual			4	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Gastropoda							
	Hyalella azteca							
	Oxyethira		count	Actual			14	
	Pentaneura		count	Actual			9	

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polypedilum tritum		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
690194L	list for 69 01 1994	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia rhamphe		count	Actual			14	
	Beardius		count	Actual			15	
	Caenis		count	Actual			15	
	Corynoneura		count	Actual			6	
	Cricotopus		count	Actual			16	
	Cyrnellus fraternus		count	Actual			4	
	Decapoda		count	Actual				
	Dero digitata		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Elimia		count	Actual			11	
	Oxyethira		count	Actual			14	
	Pentaneura		count	Actual			9	
	Polypedilum tritum		count	Actual			16	
	Pyrgophorus platyrachis		count	Actual			11	
	Rheotanytarsus		count	Actual			4	
	Stenochironomus		count	Actual			16	
	Tanytarsus		count	Actual			13	
	Tribelos fuscicorne		count	Actual			6	
	Tricladida		count	Actual			9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-92-01	St 70 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Actiniaria							
	Armandia agilis							
	Corbula contracta							
	Fabriciola trilobata							
	Halmyrapseudes bahamensis							
	Leitoscoloplos foliosus							
	Leitoscoloplos robustus							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Lucina pectinata							
	Lumbrineris verrilli							
	Maldanidae							
	Mediomastus							
	Mulinia lateralis							
	Nemertea							
	Phoronis architecta							
	Polydora websteri							
	Scoloplos rubra							
	Solemya occidentalis							
	Solemya velum							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-92-02	St 70 Fall 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Almyracuma							
	Ampelisca abdita							
	Amphipoda							
	Aricidea philbinae							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Asychis elongata							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Cerapus tubularis							
	Corophiidae							
	Cyclaspis varians							
	Decapoda							
	Edotea montosa							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Listriella barnardi							
	Lucina pectinata							
	Lumbrineris verrilli							
	Maldanidae							
	Mediomastus							
	Mulinia lateralis							
	Mysidopsis bahia							
	Neanthes succinea							
	Nemertea							
	Paraprionospio pinnata							
	Parvilucina multilineata							
	Phoronis architecta							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polydora socialis							
	Streblospio benedicti							
	Tharyx dorsobranchialis							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-93-01	St 70 Spring 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Ampelisca vadorum							
	Aricidea philbinae							
	Caecum pulchellum							
	Callinectes							
	Capitella capitata							
	Cerapus benthophilus							
	Corophium							
	Cyclaspis varians							
	Gastropoda							
	Grandidierella bonnieroides							
	Leitoscoloplos							
	Limnodriloides							
	Lucina pectinata							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Lumbrinereis							
	Lumbrineris verrilli							
	Mediomastus							
	Mulinia lateralis							
	Nemertea							
	Oxyurostylis smithi							
	Paraprionospio pinnata							
	Pinnixa chaetoptera							
	Polypedilum scalaenum							
	Scoloplos rubra							
	Spiochaetopterus costarum							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-93-02	St 70 Fall 93	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Almyracuma proximoculi							
	Ampelisca vadorum							
	Aricidea philbinae							
	Asychis elongata							
	Bivalvia							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bowmaniella floridana							
	Branchiomma							
	Capitella capitata							
	Cerapus benthophilus							
	Glycera dibranchiata							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Leitoscoloplos							
	Leitoscoloplos fragilis							
	Limnodriloides barnardi							
	Lucina pectinata							
	Lumbrineris verrilli							
	Mediomastus							
	Nemertea							
	Oxyurostylis smithi							
	Penaeidae							
	Phoronis architecta							
	Pseudopolydora							
	Scolecipis texana							
	Spio pettiboneae							
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Tharyx dorsobranchialis							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Xenanthura brevitelson							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-94-01	St 70 Spring 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Anomalocardia auberiana							
	Aricidea philbinae							
	Axiothella mucosa							
	Bivalvia							
	Capitella capitata							
	Cerapus							
	Chone americana							
	Corophium							
	Corophium lacustre							
	Gastropoda							
	Glycera abbranchiata							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Heteromastus filiformis							
	Holothuroidea							
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Lucina pectinata							
	Maldanidae							
	Nemertea							
	Oxyurostylis smithi							
	Polydora ligni							
	Polydora socialis							
	Pseudopolydora							
	Scolecipis texana							
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Thienemanniella							
	Tubificidae							
	Tubificoides							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-94-02	St 70 Fall 94	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Almyracuma proximoculi							
	Aricidea philbinae							
	Bivalvia							
	Capitella capitata							
	Cirratulidae							
	Cirriformia							
	Cyclaspis varians							
	Dorvilleidae							
	Grandidierella bonnieroides							
	Lucina pectinata							
	Lumbrineris verilli							
	Mediomastus							
	Mediomastus californiensis							
	Monticellina dorsobranchialis							
	Oxyurostylis smithi							
	Phyllodoce arenae							
	Scoloplos rubra							
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-95-01	St 70 Spring 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Almyracuma proximoculi							
	Bivalvia							
	Capitella capitata							
	Capitomastus							
	Cirratulidae							
	Edotea							
	Glycinde solitaria							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Laonome							
	Leitoscoloplos							
	Leitoscoloplos robustus							
	Limnodriloides barnardi							
	Limnodriloides rubicundus							
	Mediomastus californiensis							
	Monticellina dorsobranchialis							
	Nemertea							
	Paraprionospio pinnata							
	Polydora socialis							
	Streblospio benedicti							
	Tellina versicolor							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-95-02	St 70 Fall 95	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Capitella capitata							
	Cassidinidea ovalis							
	Cerapus benthophilus							
	Corophium lacustre							
	Grandidierella bonnieroides							
	Laeonereis culveri							
	Limnodriloides barnardi							
	Lucina pectinata							
	Mediomastus californiensis							
	Monticellina dorsobranchialis							
	Nemertea							
	Polypedilum scalaenum							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-96-01	St 70 Spring 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Armandia							
	Bivalvia							

Characteristic Group Details

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Capitella capitata							
	Capitellides jonesi							
	Corophium							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Laeonereis culveri							
	Leitoscoloplos							
	Leitoscoloplos fragilis							
	Lucina pectinata							
	Maldanidae							
	Mulinia lateralis							
	Munna reynoldsi							
	Nemertea							
	Polydora							
	Rangia cuneata							
	Scolecopsis							
	Streblospio benedicti							
	Tharyx							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-96-02	St 70 Fall 96	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Amygdalum papyrium							
	Bivalvia							
	Capitella capitata							
	Cerapus							
	Cirratulidae							
	Edotea triloba							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							
	Hobsonia florida							
	Laonome							
	Leitoscoloplos fragilis							
	Limnodriloides barnardi							
	Lumbrineris verrilli							
	Mactra fragilis							
	Mediomastus							
	Monticellina dorsobranchialis							
	Mysidae							
	Nemertea							
	Parahesion luteola							
	Phyllodoce arenae							
	Polymesoda							
	Scolecopsis texana							
	Stenothoidae							
	Streblospio benedicti							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tagelus divisus							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-97-01	Spring 97 St. 70	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca abdita							
	Amygdalum papyrium							
	Asychis elongata							
	Bivalvia							
	Capitella capitata							
	Cerapus							
	Chone americana							
	Divaricella quadrisulcata							
	Edotea triloba							
	Eteone heteropoda							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							
	Heteromastus filiformis							
	Leitoscoloplos							
	Leitoscoloplos fragilis							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Limnodriloides barnardi							
	Lumbrineris verrilli							
	Mediomastus							
	Nemertea							
	Oxyurostylis smithi							
	Phoronida							
	Polydora plena							
	Polydora socialis							
	Pseudopolydora							
	Scolelepis texana							
	Spiochaetopterus costarum							
	Spionidae							
	Streblospio benedicti							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-98-02	78feb98	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acteocina canaliculata							
	Amygdalum papyrium							
	Asychis elongata							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Bivalvia							
	Caenis							
	Chione							
	Cirratulidae							
	Edotea montosa							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Hargeria rapax							
	Kalliapseudes							
	Laonome							
	Leitoscoloplos fragilis							
	Leitoscoloplos robustus							
	Lucina pectinata							
	Lumbrineris verrilli							
	Mediomastus							
	Nemertea							
	Phoronis architecta							
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Tanytarsus							
	Transennella stimpsoni							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-9802	Oct.98-70	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Characteristic Group Details

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Loxahatchee River District (Florida)

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Capitella capitata							
	Cirratulidae							
	Grandidierella bonnieroides							
	Halmyrapseudes bahamensis							
	Haplotaxida							
	Leitoscoloplos fragilis							
	Lucina pectinata							
	Monticellina dorsobranchialis							
	Podarkeopsis levifuscina							
	Streblospio benedicti							
	Tagelus divisus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-99-01	feb9970	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Almyracuma proximoculi							
	Arenicola cristata							
	Aricidea philbinae							
	Asychis elongata							
	Bivalvia							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Capitella capitata							
	Corophium ellisi							
	Edotea triloba							
	Glycera							
	Glycinde solitaria							
	Grandierella bonnieroides							
	Hargeria rapax							
	Ischadium recurvum							
	Leitoscoloplos							
	Leitoscoloplos fragilis							
	Leitoscoloplos robustus							
	Limnodriloides							
	Limnodriloides barnardi							
	Lucina pectinata							
	Monticellina dorsobranchialis							
	Nemertea							
	Oxyurostylis smithi							
	Podarkeopsis levifuscina							
	Polymesoda caroliniana							
	Pseudopolydora							
	Rhithropanopeus harrisi							
	Sabellidae							
	Schistomeringos rudolphi							
	Scolecopsis squamata							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Spiochaetopterus costarum							
	Streblospio benedicti							
	Stylochus							
	Tagelus divisus							
	Tanais							
	Tubificidae							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70B-9201	The full St. 70 Spring 92	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Actiniaria							
	Acuminodeutopus naglei							
	Aricidea philbinae							
	Armandia agilis							
	Armandia maculata							
	Asychis elongata							
	Bathyporeia parkeri							
	Capitella capitata							
	Corbula contracta							
	Decapoda							
	Fabriciola trilobata							

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Glycera abbranchiata							
	Glycinde solitaria							
	Halmyrapseudes bahamensis							
	Haploscoloplos fragilis							
	Leitoscoloplos foliosus		count	Actual			5	
	Leitoscoloplos robustus							
	Listriella barnardi							
	Lucina pectinata		count	Actual			4	
	Lumbrineris verrilli		count	Actual			9	
	Maldanidae		count	Actual			5	
	Mediomastus		count	Actual			5	
	Mulinia lateralis							
	Nemertea		count	Actual			9	
	Ophiuroidea							
	Oxyurostylis smithi							
	Parvilucina multilineata							
	Phoronis architecta		count	Actual			4	
	Polydora							
	Polydora socialis							
	Polydora websteri							
	Pseudopolydora							
	Scoloplos rubra							
	Solemya occidentalis							
	Solemya velum							

Characteristic Group Details

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21FLLOXB Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Spiochaetopterus costarum oculatus							
	Streblospio benedicti							
	Terebellides stroemi							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B25-9702	Oct.97 25	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Aricidea philbinae		count	Actual			5	
	Bivalvia		count	Actual			4	
	Corbula contracta		count	Actual			4	
	Divaricella quadrisulcata							
	Limnodriloides barnardi		count	Actual				
	Prionospio cristata		count	Actual			13	
	Prionospio heterobranchia		count	Actual			13	
	Syllis cornuta		count	Actual			9	
	Tubificidae		count	Actual			5	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B70-9702	oCTOBER OF 1997	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ampelisca vadorum							
	Bivalvia							
	Capitella capitata							
	Cerapus							
	Edotea montosa							
	Halmyrapseudes bahamensis							
	Laeonereis culveri							
	Limnodriloides barnardi							
	Macra fragilis							
	Monticellina dorsobranchialis							
	Nemertea							
	Pseudopolydora							
	Spiochaetopterus oculatus							
	Streblospio benedicti							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHAR-01	Core Sample	Sample	Biological	Individual			N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHAR-02	Hester Dendy	Sample	Biological	Individual			N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ESTUARY1	Estuary Master List 1	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Ablabesmyia mallochi		count	Actual			14	
	Acteocina canaliculata		count	Actual			11	
	Actinaria		count	Actual			9	
	Acuminodeutopus naglei		count	Actual			26	
	Almyracuma		count	Actual			4	
	Almyracuma proximoculi		count	Actual			4	
	Alpheidae		count	Actual			26	
	Alpheus		count	Actual			26	
	Alpheus normanni		count	Actual			26	
	Ampelisca abdita		count	Actual			26	
	Ampelisca vadorum		count	Actual			26	
	Amphioxus		count	Actual			13	
	Amphipoda		count	Actual			26	
	Amphiuridae		count	Actual			20	
	Amygdalum papyrium		count	Actual			4	
	Anachis transirata		count	Actual			11	
	Ancistrosyllis carolinensis		count	Actual			9	
	Anomalocardia auferiana		count	Actual			4	
	Anthozoa		count	Actual			9	
	Anthuridae		count	Actual			26	
	Aoridae		count	Actual			26	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Arabella mutans		count	Actual			9	
	Arcopsis adamsi		count	Actual				
	Arenicola cristata		count	Actual		6		
	Aricidea		count	Actual			5	
	Aricidea cerrutii		count	Actual			5	
	Aricidea fragilis		count	Actual			5	
	Aricidea philbinae		count	Actual			5	
	Aricidea suecica		count	Actual			5	
	Aricidea taylori		count	Actual			5	
	Armandia		count	Actual			5	
	Armandia agilis		count	Actual			5	
	Armandia maculata		count	Actual			5	
	Astarte nana		count	Actual			4	
	Asthenothaerus hemphilli		count	Actual				
	Asychis elongata		count	Actual			5	
	Balanus		count	Actual			4	
	Balanus eburneus		count	Actual			4	
	Bathyporeia parkeri		count	Actual			0	
	Bhawania heteroseta		count	Actual				
	Bivalvia		count	Actual			4	
	Boguea enigmatica		count	Actual				
	Bowmaniella		count	Actual			4	
	Bowmaniella floridana		count	Actual			4	
	Brachyura		count	Actual				

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Branchiomma		count	Actual			4	
	Bryozoa		count	Actual			4	
	Bulla striata		count	Actual			11	
	Bushia elegans		count	Actual			5	
	Caecum		count	Actual			5	
	Caecum nitidum		count	Actual			5	
	Caecum pulchellum		count	Actual			5	
	Caenis		count	Actual			15	
	Callianassa		count	Actual			4	
	Callinectes		count	Actual			20	
	Capitella capitata		count	Actual			5	
	Capitellidae		count	Actual			5	
	Capitellides		count	Actual			5	
	Capitellides jonesi		count	Actual			5	
	Capitomastus		count	Actual			5	
	Caprellidae		count	Actual			9	
	Carazziella hobsonae		count	Actual			6	
	Cassidinidea ovalis		count	Actual			12	
	Caulleriella		count	Actual			6	
	Caulleriella alata		count	Actual			6	
	Caulleriella killariensis		count	Actual			6	
	Cerapus		count	Actual			26	
	Cerapus benthophilus		count	Actual			26	
	Cerapus tubularis		count	Actual			26	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ceratonereis mirabilis		count	Actual			14	
	Cerithium floridanum		count	Actual			6	
	Chaetognatha		count	Actual			9	
	Chione		count	Actual			4	
	Chione cancellata		count	Actual			4	
	Chironomus		count	Actual			16	
	Chone		count	Actual			4	
	Chone americana		count	Actual			4	
	Cirratulidae		count	Actual			6	
	Cirriformia		count	Actual			6	
	Cirrophorus		count	Actual			5	
	Cladotanytarsus		count	Actual			13	
	Cleantis planicauda		count	Actual			26	
	Clibanarius		count	Actual			26	
	Clibanarius vittatus		count	Actual			0	
	Cliona		count	Actual			4	
	Corbula contracta		count	Actual			4	
	Corophiidae		count	Actual			4	
	Corophium		count	Actual			4	
	Corophium acutum		count	Actual			4	
	Corophium ellisi		count	Actual			4	
	Corophium lacustre		count	Actual			4	
	Corophium tuberculatum		count	Actual			4	
	Cossura delta		count	Actual			5	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Crassostrea virginica		count	Actual			4	
	Crepidula		count	Actual			4	
	Crepidula maculosa		count	Actual			4	
	Crepidula plana		count	Actual			4	
	Macoma tenta		count	Actual			4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ESTUARY2	Estuary Master List 2	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Cryptochironomus		count	Actual			9	
	Cryptotendipes		count	Actual			6	
	Cumacea		count	Actual			4	
	Cyathura polita		count	Actual			26	
	Cyclaspis		count	Actual			26	
	Cyclaspis varians		count	Actual			4	
	Cymadusa compta		count	Actual			26	
	Cyrenoida floridana		count	Actual				
	Cyrmellus fraternus		count	Actual			4	
	Dasyhelea		count	Actual			15	
	Decapoda		count	Actual				
	Dero trifida		count	Actual			5	
	Dicrotendipes		count	Actual			13	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Diogenidae		count	Actual			26	
	Diopatra cuprea		count	Actual			10	
	Divaricella quadrisulcata		count	Actual			4	
	Dorvillea sociabilis		count	Actual			9	
	Dorvilleidae		count	Actual			4	
	Drilonereis		count	Actual			9	
	Edotea montosa		count	Actual			26	
	Edotea triloba		count	Actual			26	
	Ehlersia cornuta		count	Actual			9	
	Emerita talpoida		count	Actual			4	
	Enchytraeidae		count	Actual			5	
	Enoplobranchus sanguineus		count	Actual			6	
	Enteropneusta		count	Actual			6	
	Entomobryidae		count	Actual			6	
	Erichsonella attenuata		count	Actual			26	
	Erichthonius brasiliensis		count	Actual			26	
	Erichthonius rubricornis		count	Actual			26	
	Eteone		count	Actual			9	
	Eteone heteropoda		count	Actual			9	
	Eteone lactea		count	Actual			9	
	Eudevenopus honduranus		count	Actual			26	
	Eunice		count	Actual			9	
	Eurythoe		count	Actual			9	
	Exogone dispar		count	Actual			14	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Fabricia		count	Actual			13	
	Fabriciola trilobata		count	Actual			0	
	Gammaridae		count	Actual			26	
	Gammarus mucronatus		count	Actual			26	
	Gastropoda		count	Actual			11	
	Geukensia demissa		count	Actual			4	
	Glycera		count	Actual			9	
	Glycera abbranchiata		count	Actual			0	
	Glycera dibranchiata		count	Actual			9	
	Glyceridae		count	Actual			9	
	Glycinde		count	Actual			9	
	Glycinde solitaria		count	Actual			9	
	Grandidierella bonnieri		count	Actual			26	
	Gyptis brevipalpa		count	Actual			9	
	Halmyrapseudes bahamensis		count	Actual			4	
	Haminoea succinea		count	Actual			11	
	Haploscoloplos fragilis		count	Actual			5	
	Haplosyllis spongicola		count	Actual			9	
	Hargeria rapax		count	Actual			4	
	Harmothoe aculeata		count	Actual				
	Heteromastus filiformis		count	Actual			5	
	Hippolyte paludosa		count	Actual				
	Hippolyte zostericola		count	Actual			26	
	Hobsonia florida		count	Actual			6	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Holothuroidea		count	Actual			13	
	Hyalella azteca		count	Actual			6	
	Hydrobiidae		count	Actual			6	
	Hydrozoa		count	Actual			9	
	Kinbergonuphis simoni		count	Actual			10	
	Laeonereis culveri		count	Actual			14	
	Laonome		count	Actual				
	Latreutes fucorum		count	Actual			26	
	Leitoscoloplos		count	Actual			5	
	Leitoscoloplos foliosus		count	Actual			0	
	Leitoscoloplos fragilis		count	Actual			5	
	Leitoscoloplos robustus		count	Actual			0	
	Lembos smithi		count	Actual			26	
	Lima pellucida		count	Actual			4	
	Limnodriloides		count	Actual			5	
	Limnodriloides barnardi		count	Actual				
	Limnodriloides rubicundus		count	Actual				
	Listriella barnardi		count	Actual			26	
	Loimia medusa		count	Actual			13	
	Lucina		count	Actual			4	
	Lucina pectinata		count	Actual			4	
	Lumbrinereis		count	Actual			9	
	Lumbrineridae		count	Actual			9	
	Lumbrineris verrilli		count	Actual			9	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Lyonsia hyalina floridana		count	Actual			4	
	Lysianopsis alba		count	Actual			10	
	Macoma		count	Actual			4	
	Macrobrachium		count	Actual			26	
	Mactra fragilis		count	Actual			4	
	Majidae		count	Actual			20	
	Malacoceros vanderhorsti		count	Actual				
	Maldanidae		count	Actual			5	
	Mediomastus		count	Actual			5	
	Mediomastus ambiseta		count	Actual			5	
	Mediomastus californiensis		count	Actual			5	
	Megalomma		count	Actual			4	
	Megalomma pigmentum		count	Actual			4	
	Melinna maculata		count	Actual			6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ESTUARY3	Estuary Master List 3	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Melita nitida		count	Actual			29	
	Menetus dilatatus		count	Actual			0	
	Microdeutopus		count	Actual			26	
	Mitrella lunata		count	Actual			11	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Monoculodes nyei		count	Actual			26	
	Monopylephorus rubroniveus		count	Actual				
	Monticellina dorsobranchialis		count	Actual				
	Mooreonuphis nebulosa		count	Actual				
	Mulinia lateralis		count	Actual			4	
	Munna reynoldsi		count	Actual			26	
	Mysella planulata		count	Actual			4	
	Mysidopsis almyra		count	Actual			4	
	Mysidopsis bahia		count	Actual			4	
	Mysidopsis furca		count	Actual			4	
	Mytilopsis leucophaeata		count	Actual			4	
	Myzobdella		count	Actual			17	
	Myzobdella lugubris		count	Actual			17	
	Naineris		count	Actual			5	
	Naineris laevigata		count	Actual			5	
	Nassarius vibex		count	Actual			11	
	Neanthes succinea		count	Actual			14	
	Nematomorpha		count	Actual			7	
	Nematonereis hebes		count	Actual			9	
	Nemertea		count	Actual			9	
	Nereis falsa		count	Actual			14	
	Neritina		count	Actual			11	
	Neritina reclivata		count	Actual			11	
	Neritina virginea		count	Actual			11	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Notomastus		count	Actual			5	
	Notomastus daueri		count	Actual			5	
	Notomastus hemipodus		count	Actual			5	
	Notomastus tenuis		count	Actual			5	
	Nudibranchia		count	Actual			9	
	Odontosyllis enopla		count	Actual			14	
	Ogyrides alphaerostris		count	Actual			26	
	Oligochaeta		count	Actual			5	
	Olivella		count	Actual			11	
	Ophiuroidea		count	Actual			9	
	Ophryotrocha		count	Actual				
	Opisthobranchia		count	Actual				
	Orbinia riseri		count	Actual			5	
	Orbiniidae		count	Actual			5	
	Owenia		count	Actual			5	
	Oxyurostylis smithi		count	Actual			4	
	Paguristes		count	Actual			26	
	Pagurus		count	Actual			26	
	Pagurus longicarpus		count	Actual			26	
	Palaemonetes		count	Actual			26	
	Palaemonidae		count	Actual			26	
	Panopeus herbstii		count	Actual			20	
	Paracerceis caudata		count	Actual			12	
	Paramphinome		count	Actual			9	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Paranais litoralis		count	Actual			5	
	Paraprionospio pinnata		count	Actual			13	
	Parvilucina multilineata		count	Actual			4	
	Pectinaria gouldi		count	Actual			5	
	Penaeidae		count	Actual			26	
	Penaeus		count	Actual			26	
	Periclimenes americanus		count	Actual			26	
	Phoronis		count	Actual			4	
	Phoronis architecta		count	Actual			4	
	Photis		count	Actual			26	
	Phyllodoce arenae		count	Actual			9	
	Phyllodocidae		count	Actual			9	
	Pinnixa		count	Actual			13	
	Pinnixa chaetoptera		count	Actual			13	
	Pinnixa floridana		count	Actual			13	
	Pinnotheridae		count	Actual			13	
	Platynereis dumerilii		count	Actual			14	
	Podarke obscura		count	Actual			9	
	Podarkeopsis levifuscina		count	Actual			0	
	Poecilochaetus johnsoni		count	Actual			13	
	Polycirrus plumosus		count	Actual			13	
	Polydora		count	Actual			13	
	Polydora ligni		count	Actual			13	
	Polydora socialis		count	Actual			13	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polydora websteri		count	Actual			13	
	Polymesoda caroliniana		count	Actual			4	
	Polynoidae		count	Actual				
	Polypedilum convictum		count	Actual			16	
	Polypedilum halterale		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum		count	Actual			16	
	Pontogeneia inermis		count	Actual			26	
	Portunidae		count	Actual			20	
	Potamilla		count	Actual			4	
	Prionospio		count	Actual			13	
	Prionospio cirrobranchiata		count	Actual			13	
	Prionospio cristata		count	Actual			13	
	Prionospio heterobranchia		count	Actual			13	
	Prionospio multibranchiata		count	Actual			13	
	Prionospio perkinsi		count	Actual				
	Proceraea cornuta		count	Actual			9	
	Pseudopolydora		count	Actual			13	
	Pycnogonida		count	Actual			9	
	Rangia cuneata		count	Actual			4	
	Rheotanytarsus		count	Actual			4	
	Rhithropanopeus harrisi		count	Actual			0	

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Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ESTUARY4	Estuary Master List 4	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Rhynchocoela		count	Actual			9	
	Rudilemboides naglei		count	Actual			26	
	Sabella melanostigma		count	Actual			4	
	Sabellaria floridensis		count	Actual			4	
	Sabellidae		count	Actual			4	
	Schistomeringos rudolphi		count	Actual			9	
	Scolecipis		count	Actual			13	
	Scolecipis squamata		count	Actual			13	
	Scolecipis texana		count	Actual			13	
	Scoloplos		count	Actual			5	
	Scoloplos acmeceps		count	Actual			5	
	Scoloplos rubra		count	Actual			5	
	Serpulidae		count	Actual			4	
	Sipuncula		count	Actual			5	
	Sipunculidae		count	Actual			5	
	Solemya occidentalis		count	Actual			4	
	Solemya velum		count	Actual				
	Spio pettiboneae		count	Actual			13	
	Spiochaetopterus costarum		count	Actual			13	
	Spiochaetopterus oculatus		count	Actual			13	
	Spionidae		count	Actual			13	
	Spirorbis		count	Actual			4	

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Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Stenochironomus		count	Actual				
	Stenothoidae		count	Actual				
	Sthenelais		count	Actual			9	
	Streblosoma hartmanae		count	Actual			13	
	Streblospio benedicti		count	Actual			13	
	Streptosyllis pettiboneae		count	Actual				
	Stylochus		count	Actual			9	
	Syllis		count	Actual			9	
	Syllis cornuta		count	Actual			9	
	Syllis ferrugina		count	Actual			9	
	Tagelus		count	Actual				
	Tagelus divisus		count	Actual			4	
	Tagelus plebeius		count	Actual			4	
	Tanaidacea		count	Actual			13	
	Tanaidae		count	Actual				
	Tanypodinae		count	Actual				
	Tanytarsus		count	Actual			13	
	Tectidrilus		count	Actual				
	Tellina		count	Actual			4	
	Tellina mera		count	Actual			4	
	Tellina versicolor		count	Actual			4	
	Tellinidae		count	Actual			4	
	Terebellides		count	Actual			6	
	Terebellides stroemi		count	Actual			6	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tharyx		count	Actual			6	
	Tharyx annulosus		count	Actual			6	
	Tharyx dorsobranchialis		count	Actual			6	
	Tharyx marioni		count	Actual			6	
	Thienemanniella		count	Actual			6	
	Tozeuma		count	Actual			26	
	Tozeuma carolinense		count	Actual			26	
	Transennella conradina		count	Actual				
	Transennella stimpsoni		count	Actual				
	Tribelos fuscicorne		count	Actual			6	
	Tubificidae		count	Actual			5	
	Tubificoides		count	Actual			5	
	Tubificoides brownae		count	Actual				
	Turbellaria		count	Actual			9	
	Turbonilla		count	Actual			11	
	Upogebia affinis		count	Actual			4	
	Xanthidae		count	Actual				
	Xenanthura brevitelson		count	Actual			26	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FRESH 1	Fresh Water Master List 1	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ablabesmyia		count	Actual			14	
	Ablabesmyia janta		count	Actual			14	
	Ablabesmyia mallochi		count	Actual			14	
	Ablabesmyia rhamphe		count	Actual			14	
	Alluaudomyia		count	Actual			9	
	Ampelisca		count	Actual			26	
	Ampelisca vadorum		count	Actual			26	
	Amphipoda		count	Actual			20	
	Ancylidae		count	Actual			11	
	Argia		count	Actual			9	
	Asheum beckae		count	Actual			6	
	Astacidae		count	Actual			20	
	Aulodrilus pigueti		count	Actual			5	
	Baetidae		count	Actual			15	
	Baetis		count	Actual			15	
	Baetis intercalaris		count	Actual			15	
	Baetis spiethi		count	Actual			15	
	Baetis spinosus		count	Actual			15	
	Beardius		count	Actual			15	
	Bivalvia		count	Actual			4	
	Bratislavia unidentata		count	Actual			5	
	Byssanodonta cubensis		count	Actual			4	
	Caenis		count	Actual			15	
	Cassidinidea ovalis		count	Actual			12	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Chaetogaster diastrophus		count	Actual				
	Cheumatopsyche		count	Actual			4	
	Chironomus		count	Actual			16	
	Cladopelma		count	Actual			6	
	Cladotanytarsus		count	Actual			13	
	Coenagrionidae		count	Actual			9	
	Corixidae		count	Actual			28	
	Corynoneura		count	Actual			6	
	Cricotopus		count	Actual			16	
	Cricotopus bicinctus		count	Actual			16	
	Crustipellis tribranchiata		count	Actual			5	
	Cryptotendipes		count	Actual			6	
	Cyrnellus fraternus		count	Actual			4	
	Decapoda		count	Actual				
	Dero		count	Actual			5	
	Dero digitata		count	Actual			5	
	Dero lodeni		count	Actual			5	
	Dero trifida		count	Actual			5	
	Dicrotendipes		count	Actual			13	
	Dineutus		count	Actual			20	
	Dubiraphia		count	Actual			15	
	Elimia		count	Actual			11	
	Enallagma		count	Actual			9	
	Entomobryidae		count	Actual			6	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Gammarus tigrinus		count	Actual			26	
	Gastropoda		count	Actual			11	
	Gobiidae		count	Actual				
	Goeldichironomus		count	Actual			6	
	Haemonais waldvogeli		count	Actual			5	
	Hargeria rapax		count	Actual			4	
	Hebetoncyclus excentricus		count	Actual			11	
	Helobdella triserialis		count	Actual			7	
	Hyalella azteca		count	Actual			16	
	Hydra		count	Actual			9	
	Hydrobiidae		count	Actual			6	
	Hydropsychidae		count	Actual			4	
	Hydroptila		count	Actual			8	
	Hydroptilidae		count	Actual				
	Kiefferulus		count	Actual			6	
	Labrundinia		count	Actual			9	
	Labrundinia becki		count	Actual			9	
	Labrundinia pilosella		count	Actual			9	
	Leptoceridae		count	Actual			16	
	Menetus dilatatus		count	Actual			0	
	Munna reynoldsi		count	Actual			26	
	Nais		count	Actual			5	
	Nais communis		count	Actual			5	
	Nais elinguis		count	Actual			5	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nais pardalis		count	Actual			5	
	Nanocladius		count	Actual			6	
	Nemertea		count	Actual			9	
	Neotrichia		count	Actual			11	
	Neritina virginea		count	Actual			11	
	Neureclipsis		count	Actual			62	
	Nilothauma		count	Actual			6	
	Nimbecera		count	Actual			13	
	Orthotrichia		count	Actual			8	
	Oxyethira		count	Actual			14	
	Pachydiplax		count	Actual			9	
	Pachydiplax longipennis		count	Actual			9	
	Pagastiella		count	Actual			6	
	Palaemonetes		count	Actual			26	
	Palaemonetes pugio		count	Actual			26	
	Palaemonetes vulgaris		count	Actual			26	
	Paracerceis caudata		count	Actual			12	
	Parachironomus		count	Actual			14	
	Parachironomus carinatus		count	Actual			14	
	Paralauterborniella		count	Actual			6	
	Paratanytarsus		count	Actual			13	
	Penaeus		count	Actual			26	
	Pentaneura		count	Actual			9	
	Periclimenes americanus		count	Actual			26	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Physella		count	Actual			11	
	Planorbella duryi		count	Actual			11	
	Pleuroceridae		count	Actual			11	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FRESH 2	Fresh Water Master List 2	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Polycentropodidae		count	Actual			62	
	Polycentropus		count	Actual			62	
	Polydora socialis		count	Actual			13	
	Polypedilum convictum		count	Actual			16	
	Polypedilum halterale		count	Actual			16	
	Polypedilum illinoense		count	Actual			16	
	Polypedilum scalaenum		count	Actual			16	
	Polypedilum tritum		count	Actual			16	
	Pristina aequiseta		count	Actual			5	
	Pristina leidy		count	Actual			5	
	Pristina synclites		count	Actual			5	
	Pristinella jenkiniae		count	Actual			5	
	Pristinella longisoma		count	Actual			5	
	Pyrgophorus platyrachis		count	Actual			11	

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Rheotanytarsus		count	Actual			4	
	Rhithropanopeus harrisii		count	Actual			0	
	Slavina appendiculata		count	Actual			5	
	Sphaeriidae		count	Actual			4	
	Stenelmis		count	Actual			15	
	Stenochironomus		count	Actual			16	
	Tanaidacea		count	Actual			13	
	Tanytarsus		count	Actual			13	
	Thienemanniella		count	Actual			6	
	Tipulidae		count	Actual			16	
	Trepobates		count	Actual			9	
	Tribelos		count	Actual			6	
	Tribelos fuscicorne		count	Actual			6	
	Trichoptera		count	Actual				
	Tricladida		count	Actual			9	
	Tubificidae		count	Actual			5	
	Valvatidae		count	Actual				
	Xanthidae		count	Actual				
	Xenanthura brevitelson		count	Actual			26	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MAR93 25	Spring 93 25	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	<i>Acteocina canaliculata</i>							
	Amphipoda							
	<i>Ancistrosyllis carolinensis</i>							
	<i>Aricidea philibinae</i>							
	Bivalvia							
	<i>Bulla striata</i>							
	<i>Caecum pulchellum</i>		count	Actual				
	Callinectes							
	<i>Capitella capitata</i>							
	<i>Caulleriella alata</i>							
	<i>Cerithium floridanum</i>							
	Cirriformia							
	Cliona							
	<i>Corbula contracta</i>		count	Actual				
	Corophium							
	<i>Corophium acutum</i>							
	Crassostrea							
	<i>Crassostrea virginica</i>							
	Crepidula							
	<i>Crepidula maculosa</i>							
	<i>Cymadusa compta</i>							
	Eunice							
	<i>Glycinde solitaria</i>							
	<i>Hyaella azteca</i>							

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Limnodriloides barnardi							
	Lysianopsis alba							
	Mediomastus							
	Menetus dilatatus							
	Mitrella lunata							
	Naineris							
	Nemertea							
	Nemertea							
	Notomastus tenuis							
	Olivella							
	Pagurus							
	Pagurus longicarpus							
	Polydora socialis							
	Prionospio							
	Prionospio cristata							
	Prionospio heterobranchia							
	Prionospio multibranchiata							
	Streblosoma hartmanae							
	Streblospio benedicti							
	Tanaidae							
	Terebellides stroemi							
	Tharyx marioni							
	Tubificidae							
	Tubificidae							

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SPR97-21	St. 21 Spring 97	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
	Alpheidae							
	Armandia							
	Bivalvia							
	Caecum pulchellum							
	Capitella capitata							
	Chione cancellata							
	Corbula contracta							
	Cyrenoida floridana							
	Glycera							
	Glycera abbranchiata							
	Grandidierella bonnieroides							
	Haplotaxida							
	Laeonereis culveri							
	Leitoscoloplos							
	Macoma							
	Melita nitida							
	Nemertea							
	Owenia							
	Pinnixa							
	Platynereis dumerilii							
	Polydora							

Characteristic Group Details

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21FLLOXB

Loxahatchee River District (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Scolecipis texana							
	Scoloplos rubra							
	Streblospio benedicti							
	Tagelus divisus							
	Terebellides							
	Tharyx							
	Tubificidae							

Characteristic Group Details

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21FLMCGL

McGlynn Laboratories, Inc

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LCL_CHAR	Characteristic Groups for LCL	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					SOP-1	
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Suspended	Actual					SOP-1	
CHLB	Chlorophyll-b	ug/l	Suspended	Actual					SOP-1	
CHLC	Chlorophyll-c	ug/l	Suspended	Actual					SOP-1	
CL	Chloride	mg/l	Total	Actual						
CLOUDS	Cloud cover	%		Actual						
COLOR	Color, True	PCU		Actual					SOP-1	
CONDUCT	Specific conductance	uS/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
DO%	Dissolved oxygen saturation	%	Total	Actual						
FTDS	Solids, Fixed	mg/l	Dissolved	Actual					SOP-1	
FTSS	Solids, Fixed	mg/l	Suspended	Actual					SOP-1	
INORGN	Nitrogen, inorganic	mg/l	Dissolved	Calculated						
NH3+NH4	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual						
NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual						
NO2+NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual						
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual						
PH	pH	None	Total	Actual						
PO4	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
SECCHI #	Depth, Secchi Disk Depth	m		Actual						
SECCHI-C	Depth, Secchi Disk Depth									

Characteristic Group Details

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21FLMCGL

McGlynn Laboratories, Inc

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(Choice List)									
TDS	Solids, Dissolved	mg/l	Dissolved	Actual					SOP-1	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual						
TMPWATER	Temperature, water	deg C		Actual						
TN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Calculated					SOP-1	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					SOP-1	
TON	Nitrogen, organic	mg/l	Total	Calculated						
TOP	Phosphorus, organic as P	mg/l	Total	Calculated						
TP	Phosphorus as P	mg/l	Total	Actual						
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					SOP-1	
TURBIDIT	Turbidity	NTU	Total	Actual						
VTDS	Solids, Volatile	mg/l	Dissolved	Actual					SOP-1	
VTSS	Solids, Volatile	mg/l	Suspended	Actual					SOP-1	
W-DIR	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
W-SPEED	Wind velocity	knots		Actual						

Characteristic Group Details

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21FLNAPL

City of Naples (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
001	General Weather Obs	Field Msr/Obs	Air				N
	Description	Note wind speed/direction, cloud cover, waves, and tidal stage					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
002	Water Chemisty--Metals	Sample	Water				N
	Description	Calcium,					

Characteristic Group Details

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21FLNWF

Northwest Florida Water District

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIO1	Biological Parameters	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Total Coliform	#/100ml	Total	Actual						
	BOD, Biochemical oxygen demand	mg/l	Total	Actual						
	Pheophytin-a	ug/l	Total	Actual						
	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual						
	Fecal Coliform	#/100ml	Total	Actual						
	Escherichia coli	#/100ml	Total	Actual	Mean					
	Algal growth potential	mg/l	Total	Actual						
	Periphyton	count	Total	Actual						
150	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual	Mean					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ECON	Fecal Coliform-Membrane Filter	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ECON41	econfina first 4	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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21FLNWFD

Northwest Florida Water District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual						
	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Escherichia coli	#/100ml	Total	Actual						
	Total Coliform	#/100ml	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FP1	Field Parameters	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Specific conductance	umho/cm		Actual	Mean			25 Deg C		
140	Salinity	ppt	Total	Actual	Mean			25 Deg C		
	Acceptable Range	0.00000 - 50.00000 ppt								
20	Temperature, water	deg C		Actual	Mean					
30	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Mean					
	Acceptable Range	0.00000 - 15.00000 mg/l								
40	pH	None	Total	Actual	Mean			25 Deg C		
	Acceptable Range	0.00000 - 15.00000 None								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS	METALS	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Magnesium									
	Lead									
	Iron									

Characteristic Group Details

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21FLNWFD Northwest Florida Water District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Copper									
	Chromium									
	Cadmium									
	Aluminum									
	Arsenic									
	Zinc									
	Sodium									
	Potassium									
	Nickel									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NUT1	Nutrients	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
50	Nitrogen, ammonia as N	mg/l	Total	Actual						
60	Nitrogen, Kjeldahl	mg/l	Total	Actual	Mean					
70	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual	Mean					
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF01	St. Marks Parameters	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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21FLNWFD

Northwest Florida Water District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Total Coliform	#/100ml	Total	Actual						
	Carbon, Total Organic (Toc)	mg/l	Total	Actual	Mean					
	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual	Mean					
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual	Mean					
	Nitrogen, Kjeldahl	mg/l	Total	Actual	Mean					
	pH	None	Total	Actual	Mean			25 Deg C		
	Acceptable Range	0.00000 - 15.00000	None							
	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Mean					
	Acceptable Range	0.00000 - 15.00000	mg/l							
	Turbidity	NTU		Actual	Mean	Wet				
	Temperature, water	deg C		Actual	Mean					
	Solids, Total Suspended (TSS)	mg/l		Actual	Mean	Dry				
	Solids, Dissolved			Actual						
	Specific conductance	umho/cm	Total	Actual	Mean			25 Deg C		
	Fecal Coliform	#/100ml	Total	Actual						
50	Nitrogen, ammonia as N	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF02	PENSICOLA TRIBUTARY MONITORING	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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21FLNWFD

Northwest Florida Water District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual						
	Total Coliform	#/100ml	Total	Actual						
	Zinc	ug/l	Total	Actual						
	Nickel	ug/l	Total	Actual						
100	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual	Mean					
120	Turbidity	NTU		Actual						
180	Solids, Dissolved	mg/l								
190	Solids, Total Suspended (TSS)	mg/l		Actual						
200	Cadmium	ug/l	Total	Actual						
210	Chromium	ug/l	Total	Actual						
220	Copper	ug/l	Total	Actual						
230	Lead	ug/l	Total	Actual						
50	Nitrogen, ammonia as N	mg/l	Total	Actual						
60	Nitrogen, Kjeldahl	mg/l	Total	Actual						
70	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF03	Econfina	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pH	None	Total	Actual						
	Escherichia coli	#/100ml	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Total Coliform	#/100ml	Total	Actual						
	Fecal Coliform	#/100ml	Total	Actual						
	Potassium	mg/l	Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						
	Carbon, Total Organic (Toc)	mg/l	Total	Actual						
	Calcium	mg/l	Total	Actual						
	Solids, Dissolved	mg/l		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						
	Turbidity	NTU		Actual						
	Temperature, water	deg C		Actual						
	Specific conductance	umho/cm		Actual						
	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual						
	Chloride	mg/l	Total	Actual						
	Fluorides	mg/l	Total	Actual						
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
	Magnesium	mg/l	Total	Actual						
	Sodium	mg/l	Total	Actual						
50	Nitrogen, ammonia as N	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF06	Apalachicola Bay SW Monitoring	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Copper	ug/l	Total	Actual	Mean					
	Chromium	ug/l	Total	Actual	Mean					
	Cadmium	ug/l	Total	Actual	Mean					
	Arsenic	ug/l	Total	Actual	Mean					
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual	Mean					
	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual	Mean					
	Zinc	ug/l	Total	Actual	Mean					
	Magnesium	ug/l	Total	Actual	Mean					
	Iron	ug/l	Total	Actual	Mean					
	Turbidity	NTU		Actual	Mean	Wet				
	Solids, Total Suspended (TSS)	mg/l		Actual	Mean	Dry				
	Lead	ug/l	Total	Actual	Mean					
	Nickel	ug/l	Total	Actual	Mean					
	Calcium as CaCO3	mg/l	Total	Actual	Mean					
	Nitrogen, Kjeldahl	mg/l	Total	Actual	Mean					
	Aluminum	ug/l	Total	Actual	Mean					
50	Nitrogen, ammonia as N	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF07	Apalachicola PLRG	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Kjeldahl	mg	Total	Actual						
	Carbon, Total Organic (Toc)		Total	Actual						
	Fecal Coliform	#/100ml		Actual						
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg	Total	Actual						
	Fecal Streptococcus Group Bacteria	#/100ml		Actual						
	Temperature, water	deg C		Actual						
	Solids, Dissolved	mg/l		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual	Mean	Dry				
	Total Coliform	#/100ml		Actual						
	Turbidity	NTU		Actual	Mean	Wet				
	Dissolved oxygen (DO)	mg/l		Actual						
	Specific conductance	umho/cm		Actual						
50	Nitrogen, ammonia as N	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						
	pH									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF08	Leon County Holding Ponds	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dissolved oxygen (DO)	mg/l	Total	Actual						
	pH	None	Total	Actual						
	Nitrogen, Nitrite (NO2) + Nitrate	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(NO3) as N									
	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	BOD, Biochemical oxygen demand	mg/l	Total	Actual	Mean		5 Day			
	Temperature, water	deg C		Actual						
	Solids, Dissolved	mg/l		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						
	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual	Mean					
	Oil and Grease	mg/l	Total	Actual						
	Fecal Coliform	#/100ml	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF09	MEGGINNIS ARM BASIN DIAGNOSIS	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Zinc	ug/l	Total	Actual	Mean					
	Lead	ug/l	Total	Actual	Mean					
	Copper	ug/l	Total	Actual	Mean					
	Cadmium	ug/l	Total	Actual	Mean					
	Oil and Grease	mg/l	Total	Actual	Mean					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Kjeldahl	mg/l	Total	Actual	Mean					
	Nitrogen, Kjeldahl			Actual						
	Solids, Dissolved	mg/l		Actual	Mean					
	Turbidity	NTU		Actual	Mean	Wet				
	Solids, Total Suspended (TSS)	mg/l		Actual	Mean					
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual	Mean					
	BOD, Biochemical oxygen demand	mg/l	Total	Actual	Mean					
	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual	Mean					
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF10S	Add'l Megginnis Arm Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Kjeldahl	mg	Total	Actual						
	Silver	mg/l	Total	Actual						
	Selenium	mg/l	Total	Actual						
	Cadmium	mg/l	Total	Actual						
	Mercury	mg/l	Total	Actual						
	Lead	mg/l	Total	Actual						
	Arsenic	mg/l	Total	Actual						
	Barium	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
90	Chromium	mg/l	Total	Actual						
	Phosphorus as P	mg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF10W	Add'l Megginnis Arm water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual	Mean					
	Nitrogen, Kjeldahl	mg/l	Total	Actual	Mean					
10	Specific conductance	umho/cm		Actual						
110	Solids, Total Suspended (TSS)	mg/l		Actual						
20	Temperature, water	deg C		Actual						
30	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
40	pH	None		Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF11	Lake Jackson Sewer-Septic WQ	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual						
	Escherichia coli	#/100ml	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual						
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
	Boron	ug/l	Total	Actual						
	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
	Salinity	ppt		Actual						
	Temperature, water	deg C		Actual						
	Specific conductance	umho/cm		Actual						
	pH	None		Actual						
	Total Coliform	#/100ml	Total	Actual						
	Nitrogen, ammonia as N	mg/l	Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF12	Tates Hell Restoration	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia as N	mg/l	Total	Actual						
	pH	None	Total	Actual						
	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
	Specific conductance	umho/cm		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Depth	m		Actual						
	Solids, Dissolved	mg/l		Actual						
	Turbidity	NTU		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						
	Temperature, water	deg C		Actual						
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
	Carbon, Total Organic (Toc)	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF13	Apalachicola Bay and River	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia as N	mg/l	Total	Actual						
130	Carbon, Total Organic (Toc)	mg/l	Total	Actual						
160	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual						
170	Pheophytin-a	ug/l	Total	Actual						
60	Nitrogen, Kjeldahl	mg/l	Total	Actual						
70	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NWF14	SWAMP	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual	Mean					
	Carbon, Total Organic (Toc)	mg/l	Total	Actual						
	Nitrogen, ammonia as N	mg/l	Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Depth, bottom	m		Actual						
	Fecal Coliform	#/100ml		Actual						
	Specific conductance	umho/cm		Actual						
	pH			Actual						
	Turbidity	NTU		Actual	Mean	Wet				
	Solids, Total Suspended (TSS)	mg/l		Actual	Mean	Dry				
	Dissolved oxygen (DO)	mg/l		Actual						
	Temperature, water	deg C		Actual						
	Total Coliform	#/100ml		Actual						
	Color, True	PCU		Actual						
	Depth, Secchi Disk Depth	m		Actual						
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHOSP	Total & Dissolved Phosphorus	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYS1	Physical Parameters	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
100	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual	Mean					
110	Solids, Total Suspended (TSS)	mg/l		Actual	Mean	Dry				
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
120	Turbidity	NTU		Actual	Mean	Wet				
130	Carbon, Total Organic (Toc)	mg/l	Total	Actual	Mean					
	Solids, Dissolved									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PITT	Pitt & Williford Spr Nutrients	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Potassium		Total	Actual						
	Magnesium		Total	Actual						
	Calcium		Total	Actual						
	Carbon, Total Organic (Toc)		Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia as N	mg/l	Total	Actual						
	Fluorides		Total	Actual						
	Alkalinity, Bicarbonate as CaCO3		Total	Actual						
	Sodium		Total	Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						
	Solids, Dissolved	mg/l		Actual						
	Turbidity	NTU		Actual						
	Chloride		Total	Actual						
	Sulfur, sulfate (SO4) as SO4		Total	Actual						
	Nitrogen, Kjeldahl		Total	Actual						
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N		Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SANDHILL	Sandhill Lakes	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia as N	mg/l	Total	Actual						
	pH	None	Total	Actual	Mean			25 Deg C		
	Acceptable Range	0.00000 - 15.00000	None							
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual	Mean					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Mean					
	Acceptable Range	0.00000 - 15.00000 mg/l								
	Turbidity	NTU		Actual	Mean	Wet				
	Solids, Dissolved	mg/l		Actual						
	Temperature, water	deg C		Actual	Mean					
	Specific conductance	umho/cm		Actual	Mean			25 Deg C		
	Solids, Total Suspended (TSS)	mg/l		Estimated	Mean	Dry				
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
	Carbon, Total Organic (Toc)	mg/l		Actual						
	Nitrogen, Kjeldahl		Total	Actual						
80	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
90	Phosphorus as P	mg/l	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AG	Silver	Sample	Water				N
Citations		USEPA, 1999, EPA Methods and Guidance for the Analysis of Water, Version 2.0., USEPA, EPA 821/C-99-008					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ALK	Alkalinity	Sample	Water				N
Citations		USEPA, 1999, EPA Methods and Guidance for the Analysis of Water, Version 2.0., USEPA, EPA 821/C-99-008					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BOD	Biochemical Oxygen Demand	Sample	Water				N
Citations		USEPA, 1999, EPA Methods and Guidance for the Analysis of Water, Version 2.0., USEPA, EPA 821/C-99-008					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHLORIDE	Chloride	Sample	Water				N
Citations		USEPA, 1999, EPA Methods and Guidance for the Analysis of Water, Version 2.0., USEPA, EPA 821/C-99-008					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COLOR	Color	Sample	Water				N
Citations		USEPA, 1999, EPA Methods and Guidance for the Analysis of Water, Version 2.0., USEPA, EPA 821/C-99-008					

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Orlando Streets Drainage Stormwater Utility Bureau(Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	Field Analyses	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					FT_1500	
	Acceptable Range	0.00000 - 25.00000 mg/l								
PH	pH	None		Actual					FT_1100	
	Acceptable Range	1.00000 - 14.00000 None								
SECCHI	Depth, Secchi Disk Depth	m		Actual					FT_1700	
	Acceptable Range	0.00000 - 5.00000 m								
SECCHICL	Depth, Secchi Disk Depth (Choice List)									
SPCOND	Specific conductance	uS/cm		Actual					FT_1200	
	Acceptable Range	0.00000 - 650.00000 uS/cm								
TEMP	Temperature, water	deg C		Actual					FT_1400	
	Acceptable Range	0.00000 - 40.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAB1	Inorganic+Metals/Lake Sampling	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
	Acceptable Range	10.00000 - 125.00000 mg/l								
BOD	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day		405.1	
	Acceptable Range	1.50000 - 15.00000 mg/l								
BRYLLIUM	Beryllium	ug/l	Total	Actual	Mean				210.2	
	Acceptable Range	0.00000 - 0.13000 ug/l								

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Orlando Streets Drainage Stormwater Utility Bureau(Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CADMIUM	Cadmium Acceptable Range	ug/l	Total	Actual					200.7(W)	
CALCIUM	Calcium Acceptable Range	mg/l	Total	Actual					215.1	
CBOD	BOD, carbonaceous Acceptable Range	mg/l	Total	Actual					5210-B	
CHLOR A	Chlorophyll a, corrected for pheophytin Acceptable Range	mg/m3	Non-filterable	Actual					10200-H	
CHROMIUM	Chromium Acceptable Range	ug/l	Total	Actual					200.7(W)	
COLOR	Color, True Acceptable Range	PCU		Estimated					2120-B	
COPPER	Copper Acceptable Range	ug/l	Total	Actual					200.7(W)	
FECAL	Fecal Coliform Acceptable Range	#/100ml	Non-filterable	Estimated			24 Hours		9222-D	
HARDNESS	Hardness, Ca + Mg Acceptable Range	mg/l	Total	Calculated					2340	
IRON	Iron Acceptable Range	ug/l	Total	Actual					200.7(W)	
LEAD	Lead Acceptable Range	ug/l	Total	Actual					200.7(W)	
MERCURY	Mercury Acceptable Range	ug/l	Total	Actual					245.1	
MAGNESIUM	Magnesium Acceptable Range	ug/l	Total	Actual					200.7(W)	
NH3	Nitrogen, ammonia as N Acceptable Range	mg/l	Filterable	Actual					350.1	
NICKEL	Nickel Acceptable Range	ug/l	Total	Actual					200.7(W)	

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Orlando Streets Drainage Stormwater Utility Bureau(Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO2	Nitrogen, Nitrite (NO2) as N Acceptable Range	mg/l 0.00000 - 0.45000 mg/l	Filterable	Actual					354.1	
NO3	Nitrogen, Nitrate (NO3) as N Acceptable Range	mg/l 0.00000 - 0.45000 mg/l	Filterable	Actual					353.2	
OP	Phosphorus, orthophosphate as P Acceptable Range	mg/l 0.00000 - 0.10000 mg/l	Filterable	Actual					365.1	
SELENIUM	Selenium Acceptable Range	ug/l 0.00000 - 5.00000 ug/l	Total	Actual					270.2	
SILVER	Silver Acceptable Range	ug/l 0.00000 - 1.00000 ug/l	Total	Actual					272.2	
TDS	Solids, Dissolved Acceptable Range	mg/l 1.00000 - 300.00000 mg/l	Filterable	Actual					160.1	
TKN	Nitrogen, Kjeldahl Acceptable Range	mg/l 0.00000 - 2.00000 mg/l	Total	Actual					351.2	
TN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3) Acceptable Range	mg/l 0.00000 - 2.00000 mg/l	Total	Calculated					351.2	
TP	Phosphorus as P Acceptable Range	mg/l 0.00000 - 0.25000 mg/l	Total	Actual					365.4	
TSS	Solids, Total Suspended (TSS) Acceptable Range	mg/l 1.00000 - 20.00000 mg/l	Total	Actual					160.2	
TVSS	Solids, Volatile Acceptable Range	mg/l 1.00000 - 20.00000 mg/l	Non-filterable	Actual					160.4	
ZINC	Zinc Acceptable Range	ug/l 0.00000 - 15.00000 ug/l	Total	Actual					200.7(W)	

Characteristic Group Details

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Palm Beach County Environmental Resources Managemnt(Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COL_1	COL BIOSYSTEMS SAMPLE DATA	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
	Nitrogen, Nitrate (NO3) as N		Total	Actual					300(A)	
	Nitrogen, Nitrite (NO2) as N		Total	Actual					300(A)	
	Hardness, Mg	mg/l	Total	Actual					2340	
	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual					445	
	Phosphorus, orthophosphate as P		Total	Actual					365.1	
	Phosphorus as P	mg/l	Total	Actual					365.1	
	Zinc		Total	Actual					6010B	
	Turbidity	NTU	Total	Actual					180.1	
	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Magnesium	mg/l	Total	Actual					6010B	
	Lead		Total	Actual					6010B	
	Hardness, Ca + Mg	mg/l	Total	Actual					2340	
	Hardness, carbonate	mg/l	Total	Actual					2340	
	Copper		Total	Actual					6010B	
	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	
	Calcium	mg/l	Total	Actual					6010B	
	Cadmium		Total	Actual					6010B	

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Palm Beach County Environmental Resources Managemnt(Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Arsenic		Total	Actual					6010B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SYS 3	2005 Fresh	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Lead	mg/l	Total	Actual					200.8(W)	
	Hardness, Ca + Mg	mg/l CaCO3	Total	Actual					130.2	
	Copper	mg/l	Total	Actual					200.8(W)	
	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	
	Cadmium	mg/l	Total	Actual					200.8(W)	
	Arsenic	mg/l	Total	Actual					200.8(W)	
	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual					310.1	
	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
	Phosphorus as P	mg/l	Total	Actual					365.1	
	Zinc	mg/l	Total	Actual					200.8(W)	
	Turbidity	NTU	Total	Actual					2130	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TIDAL	NPDES TIDAL	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia as N		Total	Actual					350.1	
	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual					445	
	Phosphorus, orthophosphate as P		Total	Actual					365.1	
	Phosphorus as P	mg/l	Total	Actual					351.2	
	Turbidity	NTU	Total	Actual					2130	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Nitrogen, Kjeldahl		Total	Actual					351.2	
	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ 2	coliform	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual					3.4	
	Total Coliform	#/100ml	Total	Actual					3.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ FRESH	WQ FRESH WATER SITES	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Solids, Total Suspended (TSS)	mg/l		Actual		Wet			160.2	
10	Cadmium	ppb	Total Recovrble	Actual					213.2	
11	Lead	ppb	Total Recovrble	Actual					239.2	
12	Zinc	ppb	Total Recovrble	Actual					289.1	
13	Copper	ppb	Total Recovrble	Actual					3111-C	
14	Chlorophyll a, uncorrected for pheophytin	mg/m3		Actual					10200-H	
15	Chlorophyll a, corrected for pheophytin	mg/m3		Actual					10200-H	
16	Total Coliform	#/100ml	Total	Actual					3.4	
17	Fecal Coliform	#/100ml	Total	Actual					3.4	
18	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
2	Hardness, carbonate	mg/l		Actual					130.2	
3	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual					410.4	
4	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
5	Phosphorus, orthophosphate as P	mg/l		Actual					365.1	
6	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					353.2	
7	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.1	
8	Phosphorus as P	mg/l	Total	Actual					365.4	
9	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					353.2	

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ OBS	WQ FIELD MSR/OBS	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual		Wet			2550	
2	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
3	pH	None		Actual					4500-H	
	Acceptable Range	0.00000 - 14.00000	None							
4	Salinity	ppt		Calculated					2520-B	
5	Specific conductance	uS/cm		Actual		Wet			2510	
6	Turbidity	NTU		Actual					2130	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ OLD	Old Water Quality Parameters	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Hardness, carbonate	mg/l	Total	Actual					130.2	
10	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
11	Cadmium	mg/l	Total Recovrble	Actual					213.2	
12	Lead	mg/l	Total Recovrble	Actual					239.2	
13	Zinc	mg/l	Total Recovrble	Actual					289.1	
14	Copper	mg/l	Total Recovrble	Actual					3111-C	
15	Total Coliform	#/100ml	Total	Actual					3.4	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Fecal Coliform	#/100ml	Total	Actual					3.4	
2	Solids, Total Suspended (TSS)	mg/l		Actual		Wet			160.2	
3	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					353.2	
4	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					353.2	
5	Phosphorus, orthophosphate as P	mg/l		Actual					365.1	
6	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.1	
7	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual					410.4	
8	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
9	Phosphorus as P	mg/l	Total	Actual					365.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ2003	2003 labs	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual					3.4	
	Total Coliform	#/100ml	Total	Actual					3.4	
	Phosphorus as P	mg/l	Total	Actual					365.4	
	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Chlorophyll a, uncorrected for pheophytin	mg/m3		Actual					10200-H	
	Nitrogen, Nitrite (NO2) as NO2			Actual					353.2	
	Nitrogen, ammonia (NH3) as NH3			Actual					350.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Nitrate (NO3) as NO3			Actual					353.2	
	Phosphorus, orthophosphate as P			Actual					365.1	
	Solids, Total Suspended (TSS) Depth, Secchi Disk Depth	mg/l		Actual		Wet			160.2	

Characteristic Group Details

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Pinellas County Dept. of Environmental Management (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACT	BACTERIA	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Total Coliform	#/100ml		Actual					TCOLI	
2	Fecal Coliform	#/100ml		Actual					F COLIFORM	
3	Fecal Streptococcus Group Bacteria	#/100ml		Actual					F STREP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 001	General Station Observations	Field Msr/Obs	Water				N

Citations Pinellas County Department of Environmental Management, 1998, 1998 Comprehensive Quality Assurance Plan, Pinellas County Department of Environmental Management, 1

Description This is a group of direct measurements and observations which are performed at each Station Visit.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth	m		Actual					HYDROLAB 001	
2	Temperature, water	deg C		Actual					HYDROLAB 002	
3	Specific conductance	mho/cm		Actual					HYDROLAB 005	
4	Oxidation reduction potential (ORP)	volts		Actual					HYDROLAB 006	
5	Dissolved oxygen (DO)	mg/l		Actual					HYDROLAB 004	
6	pH	units		Actual					HYDROLAB 003	
7	Salinity	ppt		Actual					HYDROLAB 007	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
8	Depth, Secchi Disk Depth	m		Actual					SECCHI 001	
9	Depth, bottom	m		Actual					HYDROLAB 009	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 002	Water Chem, acidified H2SO4	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					
Description		General list of analysis from our 1 quart containers					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, Kjeldahl	mg/l	Fixed	Actual					351.2	
	Acceptable Range	0.00000 - 15.00000 mg/l								
2	Nitrogen, ammonia (NH3) as NH3	mg/l	Fixed	Actual					SM4500 NH3H	
	Acceptable Range	0.00000 - 10.00000 mg/l								
3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Fixed	Calculated					SM4500 NO3 F	
	Acceptable Range	0.00000 - 15.00000 mg/l								
4	Phosphorus as P	mg/l	Fixed	Actual					365.4	
	Acceptable Range	0.00000 - 15.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 003	Fish Measurement 001	Sample	Biological	Individual			N
Description		Field determination of whole fish physical characteristics					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Length, Fork (Fish)	mm		Actual					FISH MEASURE	
2	Length, Standard (Fish)	mm		Actual					FISH MEASURE	
3	Length, Total (Fish)	mm		Actual					FISH MEASURE	
4	Lifestage (choice list)								FISH MEASURE	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 004	Fish Measurement 002	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N
Description		Field determination of fish species and count					

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
1	Alosa		count	Actual				
10	Arius felis		count	Actual				
11	Achirus lineatus		count	Actual				
12	Ameiurus catus		count	Actual				
13	Anchoa mitchilli		count	Actual				
14	Anguilla rostrata		count	Actual				
15	Archosargus probatocephalus		count	Actual				
16	Bairdiella chrysoura		count	Actual				
17	Brevoortia		count	Actual				
18	Brevoortia patronus		count	Actual				
19	Brevoortia smithi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
2	Engraulidae		count	Actual				
20	Caranx hippos		count	Actual				
21	Centropomus undecimalis		count	Actual				
22	Clupeidae		count	Actual				
23	Cynoscion arenarius		count	Actual				
24	Cynoscion nebulosus		count	Actual				
25	Cynoscion nothus		count	Actual				
26	Cyprinodon variegatus		count	Actual				
27	Dorosoma cepedianum		count	Actual				
28	Dorosoma petenense		count	Actual				
29	Elops saurus		count	Actual				
3	Micropterus salmoides		count	Actual				
30	Enneacanthus gloriosus		count	Actual				
31	Erimyzon sucetta		count	Actual				
32	Esox niger		count	Actual				
33	Etheostoma		count	Actual				
34	Etheostoma fusiforme		count	Actual				
35	Eucinostomus gula		count	Actual				
36	Fundulus grandis		count	Actual				
37	Fundulus majalis		count	Actual				
38	Gambusia holbrooki		count	Actual				
39	Labidesthes sicculus		count	Actual				
4	Callinectes sapidus		count	Actual				
40	Lagodon rhomboides		count	Actual				

Characteristic Group Details

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Pinellas County Dept. of Environmental Management (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
41	Leiostomus xanthurus		count	Actual				
42	Lepisosteus osseus		count	Actual				
43	Lepisosteus platostomus		count	Actual				
44	Lepomis gulosus		count	Actual				
45	Lepomis macrochirus		count	Actual				
46	Lepomis microlophus		count	Actual				
47	Lepomis punctatus		count	Actual				
48	Menidia menidia		count	Actual				
49	Menticirrhus americanus		count	Actual				
5	Amia calva		count	Actual				
50	Menticirrhus saxatilis		count	Actual				
51	Micropogonias undulatus		count	Actual				
52	Mugil cephalus		count	Actual				
53	Mugil curema		count	Actual				
54	Notemigonus crysoleucas		count	Actual				
55	Notropis		count	Actual				
56	Noturus gyrinus		count	Actual				
57	Opsanus beta		count	Actual				
58	Palaemonetes		count	Actual				
59	Penaeus duorarum		count	Actual				
6	Ameiurus natalis		count	Actual				
60	Pogonias cromis		count	Actual				
61	Pomoxis nigromaculatus		count	Actual				
62	Prionotus tribulus		count	Actual				

Characteristic Group Details

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Pinellas County Dept. of Environmental Management (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
63	Strongylura marina		count	Actual				
64	Syngnathus louisianae		count	Actual				
65	Trinectes maculatus		count	Actual				
7	Ameiurus nebulosus		count	Actual				
8	Ictalurus punctatus		count	Actual				
9	Bagre marinus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 005	Water Chemistry- Amber	Sample	Water				N
Description		General list of analysis from our 1L amber containers					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chlorophyll a, uncorrected for pheophytin	mg/m3	Non-filterable	Actual					SM10200 H 001	
Acceptable Range		0.00000 - 300.00000 mg/m3								
2	Chlorophyll-b	mg/m3	Non-filterable	Actual					SM10200 H 002	
Acceptable Range		0.00000 - 3,000.00000 mg/m3								
3	Chlorophyll-c	mg/m3	Non-filterable	Actual					SM10200 H 003	
Acceptable Range		0.00000 - 300.00000 mg/m3								
4	Pheophytin-a	mg/m3	Non-filterable	Calculated					SM10200 H 004	
Acceptable Range		0.00000 - 300.00000 mg/m3								
5	Chlorophyll a, corrected for pheophytin	mg/m3	Non-filterable	Actual					SM10200 H 001	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 006	Water Chemistry -1/2 gallon	Sample	Water				N

Characteristic Group Details

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Pinellas County Dept. of Environmental Management (Florida)

Description Analysis from 1/2 gallon containers

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Turbidity	NTU		Actual					SM2130 B	
	Acceptable Range	0.00000 - 1,500.00000 NTU								
2	Solids, Fixed	mg/l	Non-filterable	Actual					SM2540 B	
	Acceptable Range	0.00000 - 1,500.00000 mg/l								
3	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	25 Deg C	SM5210 B	
	Acceptable Range	0.00000 - 75.00000 mg/l								
4	Chloride	mg/l		Actual					SM4500-CL B	
	Acceptable Range	0.00000 - 800.00000 mg/l								
5	Sulfur, sulfate (SO4) as SO4	mg/l	Fixed	Actual					375.4	
	Acceptable Range	0.00000 - 500.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 007	Habitat Assessment	Field Msr/Obs					Y

Description Habitat assessment by direct measurement and observation

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 008	Water Chemistry - ortho	Sample	Water				N

Description analysis from a 125 mL ortho bottle

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Phosphorus, orthophosphate as P	mg/l		Actual					SM4500-P F	LSP 001
	Acceptable Range	0.00000 - 20.00000 mg/l								

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Pinellas County Dept. of Environmental Management (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG 009	Water Chem, acidified nitric	Sample	Water				N
Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition						
Description	analysis is from a nitric washed 125mL container						

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Florida Department of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-FLD	Field Obs. and measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00001	Depth	m		Actual						
00010	Temperature, water	deg C		Actual						
00020	Temperature, air	deg C		Actual						
00032	Cloud cover	%		Actual						
00035	Wind velocity	mph		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00067	Tide stage (choice list)									
00078	Depth, Secchi Disk Depth	m		Actual						
00094	Specific conductance	umho/cm		Actual						
00098	Depth, data-logger (non-ported)	m		Actual						
00129	Precipitation	in		Actual			24 Hours			
00299	Dissolved oxygen (DO)	mg/l		Actual						
00301	Dissolved oxygen saturation	%	Total	Actual					STANDMETH	
00400	pH	None	Total	Actual					STANDMETH	
00480	Salinity	ppt		Actual						
70222	Wave height	m		Actual						
82903	Depth, bottom	m		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-LAB	Laboratory Analysis	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual						
00032	Cloud cover	%		Estimated						
00035	Wind velocity	mph		Estimated						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Estimated						
00076	Turbidity	NTU		Actual					180.1	
00080	Color, True	PCU	Total	Actual					110.2	
00081	Color, True	PCU	Total	Actual					110.2	
00094	Specific conductance	umho/cm		Actual						
00095	Specific conductance	umho/cm		Estimated				25 Deg C		
00123	Precipitation	in		Estimated						
00299	Dissolved oxygen (DO)	mg/l		Estimated						
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00403	pH	None		Actual					STANDMETH	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	LAB
00480	Salinity	ppt		Actual					STANDMETH	
00530	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
00610	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
00619	Ammonia, unionized	mg/l	Total	Actual						
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	351.2
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
00665	Phosphorus as P	mg/l	Total	Actual					365.4	365.4
00665OLD	Phosphorus as P	mg/l	Total	Actual					365.3	DIG-TKN-TP
00671	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00940	Chloride	mg/l	Total	Actual					300.0	LAB
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300.0	
01042	Copper	ug/l	Total	Actual					6010 MOD	
01051	Lead	ug/l	Total	Actual					6010 MOD	
31501	Total Coliform	#/100ml		Actual					STANDMETH	
31616	Fecal Coliform	#/100ml		Actual					STANDMETH	
31649	Enterococcus Group Bacteria	#/100ml	Total	Actual					9230-C	
32210	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					STANDMETH	
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					STANDMETH	
70300	Solids, Fixed	mg/l	Total	Actual					160.1	
70507	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHL-PHAE	ChlA/Pheophytin-SM 10200H Mod	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32210	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					SM10200H MOD	SOP-BB02
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					SM10200H MOD	SOP-BB02
32218	Pheophytin-a	ug/l	Total	Actual					SM10200H MOD	SOP-BB02
32219	Chlorophyll/Pheophytin ratio	ug/l	Total	Actual					SM10200H MOD	SOP-BB02

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COLOR	EPA 110.2	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00081	Color, True	PCU	Total	Actual					110.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DIOXIN	Dioxin Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
73328	Dioxins and Furans (unspecified mix)	pg/g	Total	Estimated		Dry			8290	3540-B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DOTEMP	DO/Temp-Varied Depths	Field Msr/Obs	Water				N

Description Field measurements taken at varied depths

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00094	Specific conductance	umho/cm		Actual						
00299	Dissolved oxygen (DO)	mg/l		Actual						
00403	pH	None		Actual						
00480	Salinity	ppt		Actual						
85327	Depth	ft		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EPA 300	EPA 300.0 (A)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00940	Chloride	mg/l	Total	Actual					300.0	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300.0	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EPA8081	Organochlorine Pesticides	Sample	Sediment				N

Citations USEPA, UNK, USEPA - Not listed in STORET tables, USEPA, unk

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34257	BHC-beta	ug/kg	Total	Actual					8081(S)	3550-B
34262	BHC-delta	ug/kg	Total	Actual					8081(S)	3550-B
34354	Endosulfan Sulfate	ug/kg	Total	Actual					8081(S)	3550-B
34359	Endosulfan, beta-	ug/kg	Total	Actual					8081(S)	3550-B
34364	Endosulfan, alpha-	ug/kg	Total	Actual					8081(S)	3550-B
39076	BHC-alpha	ug/kg	Total	Actual					8081(S)	3550-B
39301	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					8081(S)	3550-B
39311	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					8081(S)	3550-B
39321	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					8081(S)	3550-B
39333	Aldrin	ug/kg	Total	Actual					8081(S)	3550-B
39343	BHC-gamma (Lindane)	ug/kg	Total	Actual					8081(S)	3550-B
39351	Chlordane	ug/kg	Total	Actual					8081(S)	3550-B
39383	Dieldrin	ug/kg	Total	Actual					8081(S)	3550-B
39393	Endrin	ug/kg	Total	Actual					8081(S)	3550-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39403	Toxaphene	ug/kg	Total	Actual					8081(S)	3550-B
39423	Heptachlor epoxide	ug/kg	Total	Actual					8081(S)	3550-B
39481	Methoxychlor	ug/kg	Total	Actual					8081(S)	3550-B
75044	Heptachlor	ug/kg	Total	Actual					8081(S)	3550-B
82633	Endrin Aldehyde	ug/kg	Total	Actual					8081(S)	3550-B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EPA8141A	Organophosphorus Pesticides	Sample	Sediment				N

Citations USEPA, UNK, USEPA - Not listed in STORET tables, USEPA, unk

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
38743	Chlorpyrifos-methyl	ug/kg	Total	Actual					8141A(S)	3550-B
38858	Naled	ug/kg	Total	Actual					8141A(S)	3550-B
38923	Metolachlor	ug/kg	Total	Actual					8141A(S)	3550-B
39046	Simazine	ug/kg	Total	Actual					8141A(S)	3550-B
39399	Ethion	ug/kg	Total	Actual					8141A(S)	3550-B
39531	Malathion	ug/kg	Total	Actual						3550-B
39541	Parathion	ug/kg	Total	Actual					8141A(S)	3550-B
39571	Diazinon	ug/kg	Total	Actual					8141A(S)	3550-B
39581	Azinphos-methyl	ug/kg	Total	Actual					8141A(S)	3550-B
39601	Methyl parathion	ug/kg	Total	Actual					8141A(S)	3550-B
39631	Atrazine	ug/kg	Total	Actual					8141A(S)	3550-B
78505	Ametryne	ug/kg	Total	Actual					8141A(S)	3550-B
78688	Prometryn	ug/kg	Total	Actual					8141A(S)	3550-B
79792	Chloropyrifos	ug/kg	Total	Actual					8141A(S)	3550-B
81407	Alachlor	ug/kg	Total	Actual					8141A(S)	3550-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
81409	Metribuzin	ug/g	Total	Actual					8141A(S)	3550-B
81412	Phorate	ug/kg	Total	Actual					8141A(S)	3550-B
81889	Azodrin	ug/kg	Total	Actual					8141A(S)	3550-B
82288	Ethoprop	ug/kg	Total	Actual					8141A(S)	3550-B
82408	Fonofos	ug/kg	Total	Actual					8141A(S)	3550-B
82643	Phosdrin	ug/kg	Total	Actual					8141A(S)	3550-B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLUORIDE	EPA 340.2	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00951	Fluorides	mg/l	Total	Actual					340.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GENERAL	General chemistry - water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU		Actual						
00080	Color, True	PCU		Actual						
00095	Specific conductance	umho/cm		Actual						
00310	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	5210-B	
00403	pH	std units		Actual						
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual						
00480	Salinity	ppt		Calculated						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00530	Solids, Fixed	mg/l	Non-filterable	Actual						
00556	Oil and Grease	mg/l		Actual						
00625	Nitrogen, Kjeldahl	mg/l - N	Total	Actual					351.2	
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l - N		Actual					353.2	
00665	Phosphorus as P	mg/l	Total	Actual					365.4	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual						
00900	Hardness, Ca + Mg	mg/l		Actual						
00940	Chloride	mg/l		Actual					300.0	
00945	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					300.0	
31616	Fecal Coliform	#/100ml		Actual						
32210	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual						
32211	Chlorophyll a, uncorrected for pheophytin	ug/l		Calculated						
80082	BOD, carbonaceous	mg/l		Actual			5 Day	20 Deg C		

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ICPMETAL	ICP Metals in Sed-EPA 6020	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01003	Arsenic	mg/kg	Total	Actual					6020 ICP MS	3050-B
01013	Beryllium	mg/kg	Total	Actual					6020 ICP MS	3050-B
01028	Cadmium	mg/kg	Total	Actual					6020 ICP MS	3050-B
01038	Cobalt	mg/kg	Total	Actual					6020 ICP MS	3050-B
01043	Copper	mg/kg	Total	Actual					6020 ICP MS	3050-B
01052	Lead	mg/kg	Total	Actual					6020 ICP MS	3050-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01078	Silver	mg/kg	Total	Actual					6020 ICP MS	3050-B
01148	Selenium	mg/kg	Total	Actual					6020 ICP MS	3050-B
34480	Thallium	mg/kg	Total	Actual					6020 ICP MS	3050-B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MERCURY	Mercury Analysis DEP HG-008-3	Sample	Sediment				N
Citations		FDEP, UNK, USEPA - Modified, Central Lab, Unknown, unk					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
30280	Mercury	mg/kg	Total	Actual					HG-008-3	SOP-HG-020
71921	Mercury	mg/kg	Total	Actual					HG-008-3	SOP-HG-020

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALNA	EPA 200.1	Sample	Water				N
Citations		FDEP, UNK, USEPA - Modified, Central Lab, Unknown, unk					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00916	Calcium	mg/l	Total	Actual					200.1(FLAA)	200.2
00927	Magnesium	mg/l	Total	Actual					200.1(FLAA)	200.2
00929	Sodium	mg/l	Total	Actual					200.1(FLAA)	200.2
00937	Potassium	mg/l	Total	Actual					200.1(FLAA)	200.2
01042	Copper	ug/l	Total	Actual					200.1(FLAA)	200.2
01045	Iron	ug/l	Total	Actual					200.1(FLAA)	200.2
01051	Lead	ug/l	Total	Actual					200.1(FLAA)	200.2

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS1	METALS - EPA 200.8	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01002	Arsenic	ug/l	Total	Actual					200.8(W)	200.2B
01007	Barium	ug/l	Total	Actual					200.8(W)	200.2B
01012	Beryllium	ug/l	Total	Actual					200.8(W)	200.2B
01027	Cadmium	ug/l	Total	Actual					200.8(W)	200.2B
01034	Chromium	ug/l	Total	Actual					200.8(W)	200.2B
01037	Cobalt	ug/l	Total	Actual					200.8(W)	200.2B
01042	Copper	ug/l	Total	Actual					200.8(W)	200.2B
01051	Lead	ug/l	Total	Actual					200.8(W)	200.2B
01055	Manganese	ug/l	Total	Actual					200.8(W)	200.2B
01059	Thallium	ug/l	Total	Actual					200.8(W)	200.2B
01067	Nickel	ug/l	Total	Actual					200.8(W)	200.2B
01077	Silver	ug/l	Total	Actual					200.8(W)	200.2B
01092	Zinc	ug/l	Total	Actual					200.8(W)	200.2B
01105	Aluminum	ug/l	Total	Actual					200.8(W)	200.2B
01147	Selenium	ug/l	Total	Actual					200.8(W)	200.2B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS2	Metals-EPA 200.7 mod.	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00916	Calcium	mg/l	Total	Actual					200.7 MOD	200.2
00927	Magnesium	mg/l	Total	Actual					200.7 MOD	200.2
00929	Sodium	mg/l	Total	Actual					200.7 MOD	200.2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00937	Potassium	mg/l	Total	Actual					200.7 MOD	200.2
01002	Arsenic	ug/l	Total	Actual					200.7 MOD	200.2
01007	Barium	ug/l	Total	Actual					200.7 MOD	200.2
01022	Boron	ug/l	Total	Actual					200.7 MOD	200.2
01034	Chromium	ug/l	Total	Actual					200.7 MOD	200.2
01042	Copper	ug/l	Total	Actual					200.7 MOD	200.2
01045	Iron	ug/l	Total	Actual					200.7 MOD	200.2
01055	Manganese	ug/l	Total	Actual					200.7 MOD	200.2
01062	Molybdenum	ug/l	Total	Actual					200.7 MOD	200.2
01067	Nickel	ug/l	Total	Actual					200.7 MOD	200.2
01082	Strontium	ug/l	Total	Actual					200.7 MOD	200.2
01087	Vanadium	ug/l	Total	Actual					200.7 MOD	200.2
01092	Zinc	ug/l	Total	Actual						200.2
01097	Antimony	ug/l	Total	Actual					200.7 MOD	200.2
01102	Tin	ug/l	Total	Actual					200.7 MOD	200.2
01105	Aluminum	ug/l	Total	Actual					200.7 MOD	200.2
01147	Selenium	ug/l	Total	Actual					200.7 MOD	200.2
01152	Titanium	ug/l	Total	Actual					200.7 MOD	200.2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS3	Metals - EPA 6010 mod.	Sample	Sediment				N
Citations		FDEP, UNK, USEPA - Modified, Central Lab, Unknown, unk					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01003	Arsenic	mg/kg	Total	Actual					6010 MOD	3050
01008	Barium	mg/kg	Total	Actual					6010 MOD	3050-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01013	Beryllium	mg/kg	Total	Actual					6010 MOD	3050-B
01023	Boron	mg/kg	Total	Actual					6010 MOD	3050-B
01028	Cadmium	mg/kg	Total	Actual					6010 MOD	3050-B
01029	Chromium	mg/kg	Total	Actual					6010 MOD	3050-B
01038	Cobalt	mg/kg	Total	Actual					6010 MOD	3050-B
01043	Copper	mg/kg	Total	Actual					6010 MOD	3050-B
01052	Lead	mg/kg	Total	Actual					6010 MOD	3050-B
01053	Manganese	mg/kg	Total	Actual					6010 MOD	3050-B
01063	Molybdenum	mg/kg	Total	Actual					6010 MOD	3050-B
01068	Nickel	mg/kg	Total	Actual					6010 MOD	3050-B
01078	Silver	mg/kg	Total	Actual					6010 MOD	3050-B
01083	Strontium	mg/kg	Total	Actual					6010 MOD	3050-B
01088	Vanadium	mg/kg	Total	Actual					6010 MOD	3050-B
01093	Zinc	mg/kg	Total	Actual					6010 MOD	3050-B
01098	Antimony	mg/kg	Total	Actual					6010 MOD	3050-B
01108	Aluminum	mg/kg	Total	Actual					6010 MOD	3050
01148	Selenium	mg/kg	Total	Actual					6010 MOD	3050-B
34480	Thallium	mg/kg	Total	Actual					6010 MOD	3050-B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGANIC1	Semivolatiles-EPA 625/8270 mod	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34200	Acenaphthylene	ug/l	Total	Actual					625/8270 MOD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34205	Acenaphthene	ug/l	Total	Actual					625/8270 MOD	
34220	Anthracene	ug/l	Total	Actual					625/8270 MOD	
34230	Benzo[b]fluoranthene	ug/l	Total	Actual					625/8270 MOD	
34242	Benzo[k]fluoranthene	ug/l	Total	Actual					625/8270 MOD	
34247	Benzo[a]pyrene	ug/l	Total	Actual					625/8270 MOD	
34273	bis(2-chloroethyl) ether	ug/l	Total	Actual					625/8270 MOD	
34278	bis(2-chloroethoxy) methane	ug/l	Total	Actual					625/8270 MOD	
34283	Dichlorodiisopropyl ether, 2,2'-	ug/l	Total	Actual					625/8270 MOD	
34292	Butyl benzyl phthalate	ug/l	Total	Actual					625/8270 MOD	
34320	Chrysenes C1-C4	ug/l	Total	Actual					625/8270 MOD	
34336	Diethyl phthalate	ug/l	Total	Actual					625/8270 MOD	
34341	Dimethyl phthalate	ug/l	Total	Actual					625/8270 MOD	
34356	1,2-Dichlorobenzene	ug/l	Total	Actual					625/8270 MOD	
34376	Fluoranthenes, C1-C4	ug/l	Total	Actual					625/8270 MOD	
34381	Fluorenes, C1-C3	ug/l	Total	Actual					625/8270 MOD	
34386	Hexachlorocyclopentadiene	ug/l	Total	Actual					625/8270 MOD	
34391	Hexachlorobutadiene	ug/l	Total	Actual					625/8270 MOD	
34396	Hexachloroethane	ug/l	Total	Actual					625/8270 MOD	
34403	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					625/8270 MOD	
34408	Isophorone	ug/l	Total	Actual					625/8270 MOD	
34428	n-Nitrosodipropylamine	ug/l	Total	Actual					625/8270 MOD	
34433	n-Nitrosodiphenylamine	ug/l	Total	Actual					625/8270 MOD	
34438	Nitrosodimethylamine, n-	ug/l	Total	Actual					625/8270 MOD	
34447	nitro-Benzene	ug/l	Total	Actual					625/8270 MOD	
34461	Phenanthrenes, C1-C4	ug/l	Total	Actual					625/8270 MOD	
34469	Pyrene	ug/l	Total	Actual					625/8270 MOD	
34521	Benzo[g,h,i]perylene	ug/l	Total	Actual					625/8270 MOD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34526	Benzo[a]anthracene	ug/l	Total	Actual					625/8270 MOD	
34551	1,2,4-Trichlorobenzene	ug/l	Total	Actual					625/8270 MOD	
34556	Dibenzo[a,h]anthracene	ug/l	Total	Actual					625/8270 MOD	
34566	1,3-Dichlorobenzene	ug/l	Total	Actual					625/8270 MOD	
34571	1,4-Dichlorobenzene	ug/l	Total	Actual					625/8270 MOD	
34581	Chloronaphthalene-2	ug/l	Total	Actual					625/8270 MOD	
34596	bis(n-octyl) Phthalate	ug/l	Total	Actual					625/8270 MOD	
34611	2,4-Dinitrotoluene	ug/l	Total	Actual					625/8270 MOD	
34626	2,6-Dinitrotoluene	ug/l	Total	Actual					625/8270 MOD	
34631	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					625/8270 MOD	
34636	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					625/8270 MOD	
34641	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					625/8270 MOD	
34696	Naphthalene	ug/l	Total	Actual					625/8270 MOD	
39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					625/8270 MOD	
39110	Dibutyl phthalate	ug/l	Total	Actual					625/8270 MOD	
39120	Benzidine	ug/l	Total	Actual					625/8270 MOD	
39700	Hexachlorobenzene	ug/l	Total	Actual					625/8270 MOD	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGANIC2	Semi-volatiles, EPA 8270 mod.	Sample	Sediment				N
Citations	FDEP, UNK, USEPA - Modified, Central Lab, Unknown, unk						
Description	Prep Method Confirmed as 3550-B						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34203	Acenaphthylene	ug/kg		Actual					8270 MOD	3550-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34208	Acenaphthene	ug/kg		Actual					8270 MOD	3550-B
34223	Anthracene	ug/kg		Actual					8270 MOD	3550-B
34233	Benzo[b]fluoranthene	ug/kg		Actual					8270 MOD	3550-B
34245	Benzo[k]fluoranthene	ug/kg		Actual					8270 MOD	3550-B
34250	Benzo[a]pyrene	ug/kg		Actual					8270 MOD	3550-B
34257	BHC-beta	ug/kg		Actual					8270 MOD	3550-B
34262	BHC-delta	ug/kg		Actual					8270 MOD	3550-B
34276	bis(2-chloroethyl) ether	ug/kg		Actual					8270 MOD	3550-B
34281	bis(2-chloroethoxy) methane	ug/kg		Actual					8270 MOD	3550-B
34286	Dichlorodiisopropyl ether, 2,2'-	ug/kg		Actual					8270 MOD	3550-B
34323	Chrysenes C1-C4	ug/kg		Actual					8270 MOD	3550-B
34339	Diethyl phthalate	ug/kg		Actual					8270 MOD	3550-B
34344	Dimethyl phthalate	ug/kg		Actual					8270 MOD	3550-B
34349	Diphenylhydrazine, 1,2'-	ug/kg		Actual					8270 MOD	3550-B
34354	Endosulfan Sulfate	ug/kg		Actual					8270 MOD	3550-B
34359	Endosulfan, beta-	ug/kg		Actual					8270 MOD	3550-B
34364	Endosulfan, alpha-	ug/kg		Actual					8270 MOD	3550-B
34379	Fluoranthenes, C1-C4	ug/kg		Actual					8270 MOD	3550-B
34384	Fluorenes, C1-C3	ug/kg		Actual					8270 MOD	3550-B
34394	Hexachlorobutadiene	ug/kg		Actual					8270 MOD	3550-B
34399	Hexachloroethane	ug/kg		Actual					8270 MOD	3550-B
34406	Indeno[1,2,3-cd]pyrene	ug/kg		Actual					8270 MOD	3550-B
34411	Isophorone	ug/kg		Actual					8270 MOD	3550-B
34431	n-Nitrosodipropylamine	ug/kg		Actual					8270 MOD	3550-B
34436	n-Nitrosodiphenylamine	ug/kg		Actual					8270 MOD	3550-B
34441	Nitrosodimethylamine, n-	ug/kg		Actual					8270 MOD	3550-B
34445	Naphthalene	ug/kg		Actual					8270 MOD	3550-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34450	nitro-Benzene	ug/kg	Total	Actual					8270 MOD	3550-B
34455	4-Chloro-3-methylphenol	ug/kg		Actual					8270 MOD	3550-B
34464	Phenanthrenes, C1-C4	ug/kg		Actual					8270 MOD	3550-B
34472	Pyrene	ug/kg		Actual					8270 MOD	3550-B
34529	Benzo[a]anthracene	ug/kg		Actual					8270 MOD	3550-B
34539	1,2-Dichlorobenzene	ug/kg		Actual					8270 MOD	3550-B
34559	Dibenzo[a,h]anthracene	ug/kg		Actual					8270 MOD	3550-B
34569	1,3-Dichlorobenzene	ug/kg		Actual					8270 MOD	3550-B
34574	1,4-Dichlorobenzene	ug/kg		Actual					8270 MOD	3550-B
34584	Chloronaphthalene-2	ug/kg		Actual					8270 MOD	3550-B
34589	Chlorophenol-2	ug/kg		Actual					8270 MOD	3550-B
34594	Nitrophenol, 2-	ug/kg	Total	Actual					8270 MOD	3550-B
34599	bis(n-octyl) Phthalate	ug/kg		Actual					8270 MOD	3550-B
34604	2,4-Dichlorophenol	ug/kg		Actual					8270 MOD	3550-B
34614	2,4-Dinitrotoluene	ug/kg		Actual					8270 MOD	3550-B
34619	Dinitrophenol, 2,4-	ug/kg		Actual					8270 MOD	3550-B
34624	2,4,6-Trichlorophenol (TCPPh)	ug/kg		Actual					8270 MOD	3550-B
34629	2,6-Dinitrotoluene	ug/kg		Actual					8270 MOD	3550-B
34634	Dichlorobenzidine, 3,3'-	ug/kg		Actual					8270 MOD	3550-B
34639	Bromophenyl-4 phenyl ether	ug/kg		Actual					8270 MOD	3550-B
34644	Chlorophenyl-4 phenyl ether	ug/kg		Actual					8270 MOD	3550-B
34649	p-Nitrophenol	ug/kg		Actual					8270 MOD	3550-B
34660	Dinitro-o-cresol	ug/kg		Actual					8270 MOD	3550-B
34695	Phenol	ug/kg		Actual					8270 MOD	3550-B
39102	bis(2-ethylhexyl) phthalate (DEHP)	ug/kg		Actual					8270 MOD	3550-B
39112	Dibutyl phthalate	ug/kg		Actual					8270 MOD	3550-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39301	DDT ***retired*** (use DDT, p,p'-)	ug/kg		Actual					8270 MOD	3550-B
39311	DDD ***retired*** (use DDD, p,p')	ug/kg		Actual					8270 MOD	3550-B
39343	BHC-gamma (Lindane)	ug/kg		Actual					8270 MOD	3550-B
73133	Cresol, m-	ug/kg	Total	Actual					8270 MOD	3550-B
73252	Benzidine	ug/kg		Actual					8270 MOD	3550-B
73312	Pyridine	ug/kg	Total	Actual					8270 MOD	3550-B
73348	Aldrin	ug/kg		Actual					8270 MOD	3550-B
75039	1,2,4-Trichlorobenzene	ug/kg		Actual					8270 MOD	3550-B
75041	BHC-alpha	ug/kg		Actual					8270 MOD	3550-B
75042	Hexachlorobenzene	ug/kg		Actual					8270 MOD	3550-B
75044	Heptachlor	ug/kg		Actual					8270 MOD	3550-B
75045	Heptachlor epoxide	ug/kg		Actual					8270 MOD	3550-B
75046	DDE ***retired*** (use DDE, p,p'-)	ug/kg		Actual					8270 MOD	3550-B
75047	Dieldrin	ug/kg		Actual					8270 MOD	3550-B
75048	Endrin	ug/kg		Actual					8270 MOD	3550-B
78329	Hexachlorocyclopentadiene	ug/kg		Actual					8270 MOD	3550-B
78401	Trichlorophenol, 2,4,5-	ug/kg	Total	Actual					8270 MOD	3550-B
78800	Butyl benzyl phthalate	ug/kg		Actual					8270 MOD	3550-B
78828	Benzo[g,h,i]perylene	ug/kg		Actual					8270 MOD	3550-B
78872	Cresol, o-	ug/kg	Total	Actual					8270 MOD	3550-B
78873	Pentachlorophenol (PCP)	ug/kg		Actual					8270 MOD	3550-B
79402	2,4-Dimethylphenol	ug/kg		Actual					8270 MOD	3550-B
82633	Endrin Aldehyde	ug/kg		Actual					8270 MOD	3550-B

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SCIRECON	SCI RECON WQ SAMPLE	Sample	Water				N
Description Water Quality results Field/Lab Watershed Monitoring NWD							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEA3	Monitoring Project	Field Msr/Obs	Water				N
Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition							
Description Water quality parameters for field measurements, bacterial, and chemical analysis							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00001	Depth	m		Actual						
00010	Temperature, water	deg C		Actual						
00020	Temperature, air	deg C		Actual						
00031	Light attenuation at measurement depth			Actual						
00032	Cloud cover	%		Estimated						
00035	Wind velocity	mph		Estimated						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Estimated						
00045	Precipitation	in		Actual						
00076	Turbidity	NTU		Actual						
00078	Depth, Secchi Disk Depth	m		Actual						
00080	Color, True	PCU		Actual						
00094	Specific conductance	umho/cm		Actual						
00095	Specific conductance	umho/cm		Calculated						
00299	Dissolved oxygen (DO)	mg/l		Actual						
	Acceptable Range	4.00000 - 10.00000 mg/l								
00400	pH	None		Actual				25 Deg C		
	Acceptable Range	6.50000 - 8.50000 None								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00480	Salinity	ppt		Actual						
00530	Solids, Total Suspended (TSS)	ppm		Actual		Dry			STANDMETH	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual						
00625	Nitrogen, Kjeldahl	mg/l		Calculated						
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
00665	Phosphorus as P	mg/l		Actual						
31649	Enterococcus Group Bacteria	#/100ml		Actual						
32210	Chlorophyll a, uncorrected for pheophytin Width	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDSOLID	Percent Solids	Sample	Sediment				N
Citations		American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition., American Public Health Association, 20th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
81373	Solids, Total Suspended (TSS)	%	Total	Actual					2540G SM	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATSON	Watson Bayou Project Parameter	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual						
00076	Turbidity	NTU		Actual						
00078	Depth, Secchi Disk Depth	ft		Actual						
00080	Color, True	PCU		Actual						
00094	Specific conductance	umho/cm		Actual						
00095	Specific conductance	umho/cm		Actual				25 Deg C		
00299	Dissolved oxygen (DO)	mg/l		Actual						
00301	Dissolved oxygen saturation	%		Actual						
00310	BOD, Biochemical oxygen demand	mg/l		Actual					5210-B	
00400	pH	None		Actual						
00403	pH	None		Actual				25 Deg C		
00480	Salinity	ppt		Actual						
00530	Solids, Total Suspended (TSS)	mg/l		Actual					STANDMETH	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.1	
00625	Nitrogen, Kjeldahl	mg/l		Actual						
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
00665	Phosphorus as P	mg/l		Actual						
32210	Chlorophyll a, corrected for pheophytin	ug/l	Filterable	Actual					STANDMETH	
32211	Chlorophyll a, uncorrected for pheophytin	ug/l	Filterable	Actual					STANDMETH	
85327	Depth, bottom	ft		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-01	Lake Monitoring Field	Field Msr/Obs	Water				N

Citations Polk County, 1984, YSI, Polk County, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual		Wet			DEP SOP FT 1400	
121	Turbidity	NTU		Actual		Wet			FT 1600	
3	Dissolved oxygen (DO)	mg/l	Total	Actual					DEP SOP FT 1500	
4	pH	None	Total	Actual					DEP SOP FT 1100	
5	Specific conductance	umho/cm		Actual		Wet			DEP SOP FT 1200	
6	Depth, Secchi Disk Depth	m		Actual		Wet			DEP SOP FT 1720	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-02	Lake Monitoring Lab	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
13	Color, True	PCU		Actual		Wet			2120-B	200.2
19	Carbon, Total Organic (Toc)	mg/l	Total	Actual		Wet			5310-C	200.2
24	Turbidity	NTU		Actual		Wet			2130	200.2
25	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual		Wet			4500 - NH3 H	LSP-01
26	Nitrogen, Kjeldahl	mg/l	Total	Actual		Wet			351.2	LSP-01
30	Nitrogen, Nitrite (NO2) + Nitrate	mg/l	Total	Actual		Wet			4500-NO3(F)	LSP-01

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31	(NO3) as N Nitrogen ion (N)	mg/l	Total	Calculated		Wet			351.2-4500 NO3F	LSP-01
34	Phosphorus as P	mg/l	Total	Actual		Wet			365.4	LSP-01
35	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual		Wet			10200 H	200.2
36	Chlorophyll a, corrected for pheophytin	ug/l		Actual		Wet			10200 H	200.2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-03	Banana Alum	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual		Wet			DEP SOP FT 1400	
13	Color, True	PCU		Actual		Wet			2120-B	200.2
19	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	200.2
24	Turbidity	NTU		Actual		Wet			2130	200.2
25	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(G)	LSP-01
26	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	LSP-01
3	Dissolved oxygen (DO)	mg/l	Total	Actual					DEP SOP FT 1500	
30	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)	LSP-01
31	Nitrogen ion (N)	mg/l	Total	Calculated					351.2-4500 NO3F	LSP-01

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34	Phosphorus as P	mg/l	Total	Actual					365.4	LSP-01
35	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200 H	200.2
36	Chlorophyll a, corrected for pheophytin	ug/l		Actual		Wet			10200 H	LSP-01
4	pH	None	Total	Actual					DEP SOP FT 1100	
5	Specific conductance	umho/cm		Actual		Wet			DEP SOP FT 1200	
6	Depth, Secchi Disk Depth	m		Actual		Wet			DEP SOP FT 1720	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-04	Cannon Project	Sample	Water				N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual		Wet			DEP SOP FT 1400	
113	Alkalinity, Bicarbonate as CaCO3	mg/l		Actual					2320	200.2
13	Color, True	PCU		Actual		Wet			2120-B	
19	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	200.2
24	Turbidity	NTU		Actual		Wet			2130	200.2
25	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(G)	LSP-01
26	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	LSP-01
3	Dissolved oxygen (DO)	mg/l		Actual					DEP SOP FT	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
30	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					1500 4500-NO3(F)	LSP-01
31	Nitrogen ion (N)	mg/l	Total	Actual					351.2-4500 NO3F	LSP-01
33	Phosphorus, orthophosphate as P	mg/l	Total	Actual					4500-P-F	LSP-01
34	Phosphorus as P	mg/l	Total	Actual					365.4	LSP-01
35	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual		Wet			10200 H	LSP-01
36	Chlorophyll a, corrected for pheophytin	ug/l		Actual		Wet			10200 H	LSP-01
38	Fecal Coliform	#/100ml	Total	Actual					9222-D	9230-C-2
39	Total Coliform	cfu/100ml		Actual		Wet			9222-B	9230-C-2
4	pH	None	Total	Actual					DEP SOP FT 1100	
43	Aluminum	ug/l	Total	Actual					3500-AL(D)	3030-B
5	Specific conductance	umho/cm		Actual		Wet			DEP SOP FT 1200	
6	Depth, Secchi Disk Depth	m		Actual		Wet			DEP SOP FT 1720	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-05	LRLMD Lakes New	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual		Wet			DEP SOP FT	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
									1400	
13	Color, True	PCU		Actual		Wet			2120-B	200.2
21	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	200.2
24	Turbidity	NTU		Actual		Wet			2130	200.2
25	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(G)	LSP-01
26	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	LSP-01
3	Dissolved oxygen (DO)	mg/l	Total	Actual					DEP SOP FT 1500	
30	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)	LSP-01
31	Nitrogen ion (N)	mg/l		Actual					351.2-4500 NO3F	LSP-01
34	Phosphorus as P	mg/l	Total	Actual					365.4	LSP-01
35	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200 H	200.2
36	Chlorophyll a, corrected for pheophytin	ug/l		Actual		Wet			10200 H	LSP-01
4	pH	None	Total	Actual					DEP SOP FT 1100	
5	Specific conductance	umho/cm		Actual		Wet			DEP SOP FT 1200	
6	Depth, Secchi Disk Depth	m		Actual		Wet			DEP SOP FT 1720	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-06	LRLMD Old	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

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21FLPOLK

Polk County Water Resources (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
13	Color, True	PCU		Actual		Wet			2120-B	200.2
21	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	200.2
24	Turbidity	NTU		Actual		Wet			2130 B	200.2
25	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(G)	LSP-01
26	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	LSP-01
30	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)	LSP-01
31	Nitrogen ion (N)	mg/l	Total	Calculated					351.2-4500 NO3F	LSP-01
34	Phosphorus as P	mg/l	Total	Actual					365.4	LSP-01
35	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual		Wet			10200 H	200.2
36	Chlorophyll a, corrected for pheophytin	ug/l		Actual		Wet			10200 H	200.2
6	Depth, Secchi Disk Depth	m		Actual		Wet			DEP SOP FT 1720	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-07	Streams & Rivers	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual		Wet			DEP SOP FT 1400	
13	Color, True	PCU		Actual		Wet			2120-B	200.2
19	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	200.2

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21FLPOLK

Polk County Water Resources (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
24	Turbidity	NTU		Actual		Wet			2130	200.2
25	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(G)	LSP-01
26	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	LSP-01
3	Dissolved oxygen (DO)	mg/l	Total	Actual					DEP SOP FT 1500	
30	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)	LSP-01
31	Nitrogen ion (N)	mg/l	Total	Actual					351.2-4500 NO3F	LSP-01
34	Phosphorus as P	mg/l	Total	Actual					365.4	LSP-01
35	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200 H	200.2
36	Chlorophyll a, corrected for pheophytin	ug/l		Actual		Wet			10200 H	200.2
38	Fecal Coliform	#/100ml	Total	Actual					9222-D	9230-C-2
4	pH	None	Total	Actual					DEP SOP FT 1100	
41	Enterococcus Group Bacteria	cfu/100ml		Actual		Wet			1600	9230-C-2
5	Specific conductance	umho/cm		Actual		Wet			DEP SOP FT 1200	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-08	Lab	Sample	Water				N

Citations Polk County, 1984, YSI, Polk County, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					8000	200.2

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21FLPOLK

Polk County Water Resources (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
11	Chloride	mg/l	Total	Actual		Wet			4500-CL-(E)	200.2
113	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual					2320 B	200.2
118	Hardness, Ca + Mg	mg/l	Total	Calculated		Wet			2340 B	200.2
12	Chlorine	mg/l	Total	Actual		Wet			4500-CL(G)	200.2
120	pH	None		Actual					4500 H+ B	200.2
122	Nitrogen, Ammonia + Organic	mg/l	Dissolved	Actual						LSP-01
13	Color, True	PCU		Actual					2120-B	200.2
14	Fluorides	mg/l	Total	Actual		Wet			4500-F-C	200.2
16	Specific conductance	umho/cm		Actual		Wet			2510 B	200.2
18	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual		Wet			D516	200.2
19	Carbon, Total Organic (Toc)	mg/l	Total	Actual		Wet			5310-C	200.2
20	Solids, Dissolved	mg/l	Dissolved	Actual		Wet			2540-C	200.2
21	Solids, Total Suspended (TSS)	mg/l	Total	Actual		Wet			2540-D	200.2
24	Turbidity	NTU		Actual					2130 B	200.2
25	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500 - NH3 H	LSP-01
26	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	LSP-01
27	Ammonia, unionized	mg/l	Total	Calculated		Wet			DEP SOP 2/12/01	LSP-01
28	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					4500-NO3(F)	LSP-01
29	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					4500-NO3(F)	LSP-01
30	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)	LSP-01
31	Nitrogen ion (N)	mg/l	Total	Calculated					351.2-4500 NO3F	LSP-01
33	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual		Wet			4500-P-F	LSP-01
34	Phosphorus as P	mg/l	Total	Actual		Wet			365.4	LSP-01

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21FLPOLK

Polk County Water Resources (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
35	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200 H	200.2
36	Chlorophyll a, corrected for pheophytin	ug/l		Actual		Wet			10200 H	LSP-01
38	Fecal Coliform	cfu/100ml	Total	Actual		Wet			9222-D	9230-C-2
39	Total Coliform	cfu/100ml		Actual		Wet			FS 2100	9222 B
41	Fecal Streptococcus Group Bacteria	cfu/100ml	Total	Actual		Wet			1600	9230-C-2
44	Aluminum	ug/l	Total	Actual		Wet			3111-D	3030-B
45	Arsenic	ug/l	Total	Actual		Wet			3113-B	3030-B
46	Barium	ug/l	Total	Actual		Wet			3111-D	3030-B
47	Cadmium	ug/l	Total	Actual		Wet			3113-B	3030-B
48	Calcium	mg/l	Total	Actual		Wet			3111-B	3030-B
49	Chromium	ug/l	Total	Actual		Wet			3113-B	3030-B
50	Copper	ug/l	Total	Actual		Wet			3111-B	3030-B
51	Iron	ug/l	Total	Actual		Wet			3111-B	3030-B
52	Lead	ug/l	Total	Actual		Wet			3113-B	3030-B
53	Magnesium	mg/l	Total	Actual		Wet			3111-B	3030-B
55	Nickel	ug/l	Total	Actual		Wet			3111-B	3030-B
56	Potassium	mg/l	Total	Actual		Wet			3111-B	3030-B
57	Selenium	ug/l	Total	Actual		Wet			3113-B	3030-B
58	Silver	ug/l	Total	Actual					3111-B	3030-B
59	Sodium	mg/l	Total	Actual		Wet			3111-B	3030-B
60	Zinc	ug/l	Total	Actual		Wet			3111-B	3030-B
7	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual		Wet			2320 B	200.2
8	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	200.2

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21FLPOLK

Polk County Water Resources (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Carbon, Total Inorganic									
	Nitrogen, inorganic									
	Nitrogen, ammonia (NH3) + ammonium (NH4)									
	Nitrogen, Ammonia + Organic									
	Nitrogen, organic									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-09	Lab Misc	Sample	Water				N
Citations	Polk County, 1984, YSI, Polk County, 1						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, organic	mg/l	Total	Actual						
122	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual					351.2 TKN DISS	LSP-01
27	Ammonia, unionized	mg/l	Total	Calculated					DEP SOP 2/12/01	LSP-01
32	Phosphorus as P	mg/l	Dissolved	Actual					365.4	LSP-01

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21FLSCCF

Sanibel Captiva Conservation Foundation (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SCCFLD	Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BOTDEPTH	Depth, bottom	m		Actual						
CLOUD	Cloud cover (choice list)									
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
DOSAT	Dissolved oxygen (DO)	%		Actual						
PH	pH	None	Total	Actual						
SAL	Salinity	ppt		Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SPC	Specific conductance	mS/cm	Total	Actual						
TEMP	Temperature, water	deg C		Actual						
WINDD	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
WINDS	Wind velocity	mph		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SCCFL	Lab parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, corrected for pheophytin	ug/l		Actual					CHLA	
COLOR	Color, True	PCU		Actual					COLOR	
NOX	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	ug/l		Actual					NOX	
NT	Nitrogen ion (N)	ug/l	Total	Actual						
PHEO	Pheophytin-a	ug/l		Actual					PHEO	

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21FLSCCF

Sanibel Captiva Conservation Foundation (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PTOT	Phosphorus	ug/l	Total	Actual					PTOT	
TKN	Nitrogen, Kjeldahl	ug/l	Total	Actual					TKN	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					TSS	

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21FLSFWM

South Florida Water Management District

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B	Biological-All	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1
Description Select ALL test_numbers where test_group = Biological and Matrix = Water Samples (GW, PW, RA, SA, SW)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
112	Chlorophyll a, corrected for pheophytin	mg/m3		Actual					CORRECTED	
113	Chlorophyll-c	mg/m3		Actual					WQ-1	
132	Fecal Coliform	cfu/100ml	Total	Actual					WQ-1	MFILT
133	Fecal Coliform	MPN/100ml	Total	Actual					WQ-1	LP-1
134	Fecal Coliform	cfu/100ml		Actual					WQ-1	MFILT
135	Fecal Coliform	MPN		Actual					WQ-1	LP-1
328	Microcystin (toxin produced by blue green algae & bacteria)	ug/l		Actual					WQ-1	
330	Coliphage, unspecified mix (Somatic + Male Specific (F+))	pfu/100ml		Actual						MALE
331	Coliphage, unspecified mix (Somatic + Male Specific (F+))	pfu/100ml		Actual						SOMATIC
332	Cryptosporidium	#/l		Actual						
334	Giardia lamblia	#/100ml		Actual						
335	Escherichia coli	CFU		Actual						
336	Clostridium perfringens	CFU		Actual						
339	Anatoxin (toxin produced by blue green algae)	ug/l		Actual					WQ-1	
59	BOD, Biochemical oxygen demand	mg/l		Actual					WQ-1	
61	Chlorophyll a, uncorrected for pheophytin	mg/m3		Actual					WQ-1	
62	Chlorophyll-b	mg/m3		Actual					WQ-1	

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South Florida Water Management District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Pheophytin-a	mg/m3		Actual						
68	Productivity, Primary	mg/m3/day		Actual					WQ-1	GROSS
69	Productivity, Primary	mg/m3/day		Actual					WQ-1	NET
70	Respiration, planktonic	m3		Actual						
					Particle Size Basis		Units = MGC/M3/D			
74	Productivity, Phytoplankton	MGC/M2/D		Actual					WQ-1	NET

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-013	Water Chemistry Tests	Sample	Water	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					WQ-1	
00076	Turbidity	NTU	Total	Actual	Standard Deviation				WQ-1	
00078	Depth, Secchi Disk Depth	m		Actual					WQ-1	
00080	Color, True	PCU		Actual					WQ-1	
00090	Oxidation reduction potential (ORP)	mV	Free Available	Actual	Standard Deviation				WQ-1	
00094	Specific conductance	uS/cm		Actual					WQ-1	
00095	Specific conductance	uS/cm		Actual					WQ-1	
00299	Dissolved oxygen (DO)	mg/l		Actual					WQ-1	
00310	BOD, Biochemical oxygen demand	mg/l		Actual					WQ-1	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual					WQ-1	
00400	pH	None		Actual					WQ-1	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					WQ-1	

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South Florida Water Management District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00480	Salinity	ppt	Total	Calculated					WQ-1	
00500	Solids, Fixed	mg/l		Actual					WQ-1	
00535	Solids, Fixed	mg/l		Actual					WQ-1	
00600	Nitrogen ion (N)	mg/l	Total	Actual					WQ-1	
00608	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					WQ-1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					WQ-1	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Calculated	Standard Deviation				WQ-1	
00623	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual					WQ-1	
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					WQ-1	
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					WQ-1	
00665	Phosphorus as P	mg/l	Total	Actual					WQ-1	LP-1
00666	Phosphorus as P	mg/l	Dissolved	Actual					WQ-1	LP-1
00671	Phosphorus, orthophosphate as P	mg/l		Actual					WQ-1	
00672	Phosphorus, hydrolyzable as P	mg/l		Actual					WQ-1	LP-1
00680	Carbon, Total Organic (Toc)	mg/l		Actual					WQ-1	
00681	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					WQ-1	
00685	Carbon, Total Inorganic	mg/l		Actual					WQ-1	
00690	Carbon, Total Organic (Toc)	mg/l		Actual					WQ-1	
00691	Carbon, Total Inorganic	mg/l	Dissolved	Actual					WQ-1	
00745	Sulfide	mg/l		Actual					WQ-1	
00915	Calcium	mg/l		Actual					WQ-1	
00925	Magnesium	mg/l	Dissolved	Actual					WQ-1	
00930	Sodium	mg/l	Dissolved	Actual					WQ-1	
00935	Potassium	mg/l		Actual					WQ-1	

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South Florida Water Management District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00941	Chloride	mg/l	Dissolved	Actual					WQ-1	
00946	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					WQ-1	
00950	Fluorides	mg/l	Dissolved	Actual					WQ-1	
00951	Fluorides	mg/l	Total	Actual					WQ-1	
00955	Silica	mg/l		Actual					WQ-1	
01000	Arsenic	ug/l	Dissolved	Actual					WQ-1	
01002	Arsenic	ug/l	Total	Actual					WQ-1	
01003	Arsenic	mg/kg	Total	Actual					WQ-1	LP-1
01005	Barium	ug/l	Dissolved	Actual					WQ-1	
01007	Barium	ug/l	Total	Actual					WQ-1	
01010	Beryllium	ug/l	Dissolved	Actual					WQ-1	
01012	Beryllium	ug/l	Total	Actual					WQ-1	
01025	Cadmium	ug/l	Dissolved	Actual					WQ-1	
01027	Cadmium	ug/l	Total	Actual					WQ-1	
01030	Chromium	ug/l	Dissolved	Actual					WQ-1	
01032	Chromium, hexavalent	ug/l	Dissolved	Actual					WQ-1	
01034	Chromium	ug/l	Total	Actual					WQ-1	
01035	Cobalt	ug/l	Dissolved	Actual					WQ-1	
01037	Cobalt	ug/l	Total	Actual					WQ-1	
01040	Copper	ug/l	Dissolved	Actual					WQ-1	
01042	Copper	ug/l	Total	Actual					WQ-1	
01046	Iron	ug/l	Dissolved	Actual					WQ-1	LP-1
01049	Lead	ug/l	Dissolved	Actual					WQ-1	
01051	Lead	ug/l	Total	Actual					WQ-1	
01055	Manganese	ug/l	Total	Actual					WQ-1	
01056	Manganese	ug/l	Dissolved	Actual					WQ-1	
01057	Thallium	ug/l	Dissolved	Actual					WQ-1	

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South Florida Water Management District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01059	Thallium	ug/l	Total	Actual					WQ-1	
01062	Molybdenum	ug/l	Total	Actual					WQ-1	
01065	Nickel	ug/l	Total	Actual					WQ-1	
01067	Nickel	ug/l	Total	Actual					WQ-1	
01075	Silver	ug/l	Dissolved	Actual					WQ-1	
01077	Silver	ug/l	Total	Actual					WQ-1	
01080	Strontium	ug/l	Dissolved	Actual					WQ-1	
01082	Strontium	ug/l	Total	Actual					WQ-1	
01090	Zinc	ug/l	Dissolved	Actual					WQ-1	
01092	Zinc	ug/l	Total	Actual					WQ-1	
01095	Antimony	ug/l	Dissolved	Actual					WQ-1	
01097	Antimony	ug/l	Total	Actual					WQ-1	
01100	Tin	ug/l	Dissolved	Actual					WQ-1	
01102	Tin	ug/l	Total	Actual					WQ-1	
01105	Aluminum	ug/l	Total	Actual					WQ-1	
01106	Aluminum	ug/l	Dissolved	Actual					WQ-1	
01130	Lithium	ug/l	Total	Actual					WQ-1	
01145	Selenium	ug/l	Dissolved	Actual					WQ-1	
01147	Selenium	ug/l	Total	Actual					WQ-1	
04255	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual						
04256	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual						
31501	Fecal Coliform	cfu/100ml	Filterable	Actual					WQ-1	
31505	Fecal Coliform	#/100ml	Total	Actual	MPN				WQ-1	
31615	Fecal Coliform	#/100ml	Filterable	Actual	MPN				WQ-1	
31616	Fecal Coliform	cfu/100ml	Filterable	Actual					WQ-1	
31679	Fecal Streptococcus Group Bacteria	cfu/100ml	Filterable	Actual					WQ-1	

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South Florida Water Management District

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31748	Bacteria Mix, Unspecified	cfu/100ml		Actual					WQ-1	
32210	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					WQ-1	
32211	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					WQ-1	
32212	Chlorophyll-b	ug/l		Actual					WQ-1	
32214	Chlorophyll-c	ug/l		Actual					WQ-1	
32218	Pheophytin-a	ug/l		Actual					WQ-1	
49548	Alkaline phosphatase	mg/l		Actual					WQ-1	LP-1
50092	Mercury	ng/l	Total	Actual					WQ-1	LP-1
70300	Solids, Fixed	mg/l	Dissolved	Actual					WQ-1	
70507	Phosphorus, orthophosphate as P	mg/l	Total	Actual					WQ-1	
70971	Light attenuation coefficient	1/m		Actual					WQ-1	
70991	Productivity, Phytoplankton	mg/m2/day		Actual					WQ-1	
70993	Productivity, Phytoplankton	mg/m3/day		Actual					WQ-1	
70994	Respiration, planktonic	m3		Actual			1 Day		WQ-1	
70995	Respiration, planktonic	m3		Calculated			1 Day		WQ-1	LP-1
71870	Bromide	mg/l		Actual					WQ-1	
71890	Mercury	ug/l	Dissolved	Actual					WQ-1	
71900	Mercury	ug/l	Total	Actual					WQ-1	
74010	Iron	ug/l	Total	Actual					WQ-1	
80082	BOD, carbonaceous	mg/l		Actual					WQ-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
F	Field Parameters (F)	Field Msr/Obs	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1

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Description dm_data_type.test_group = 'F' (Field Parameter)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	pH	None		Actual						
11	Depth, Secchi Disk Depth	m		Actual						
13	Color, True	PCU		Actual					WQ-1	
197	Light Underwater Extinction Coefficient (K)	per m		Actual					WQ-1	
					Particle Size Basis		Unit in original = 1/m			
2	Depth	m		Actual						
					Particle Size Basis		Sample Depth			
5	Turbidity	NTU		Actual						
6	Chloride	mg/l	Total	Actual						
65	Oxidation reduction potential (ORP)	mV		Actual						
7	Temperature, water	deg C		Actual						
8	Dissolved oxygen (DO)	mg/l		Actual						
9	Specific conductance	umho/cm		Actual						
98	Salinity	ppt		Actual						
99	Depth	m		Actual						
					Particle Size Basis		Total Depth			

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FO-1	Field Parameters	Field Msr/Obs	Water	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Light Underwater Reflected									

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HER	Herbicides	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1
Description (New) Test Group = 'HER'

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
301	Acifluorfen, sodium salt	ug/kg		Actual						
401	2,4,5-T, Trichlorophenoxyacetic acid	ug/kg	Total	Actual					WQ-1	
402	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					WQ-1	
403	Silvex	ug/kg		Actual						
404	Silvex	ug/l		Actual						
405	2,4-D, Dichlorophenoxyacetic acid	ug/kg	Total	Actual					WQ-1	
406	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					WQ-1	
408	Dichlorprop	ug/l		Actual						
436	Bromacil	ug/kg		Actual						
437	Bromacil	ug/l		Actual						
438	Butylate	ug/l		Actual						
493	Diquat dibromide (Reglone)	ug/l	Total	Actual					WQ-1	
496	Diuron	ug/kg		Actual						
497	Diuron	ug/l		Actual						
520	Glyphosate (Roundup)	ug/l		Actual						
528	Linuron	ug/kg		Actual						
529	Linuron	ug/l		Actual						
544	Metolachlor	ug/kg		Actual						
545	Metolachlor	ug/l		Actual						
546	Metribuzin	ug/kg		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
547	Metribuzin	ug/l		Actual						
573	Prometryn	ug/kg		Actual						
574	Prometryn	ug/l		Actual						
576	Propham	ug/l		Actual						
580	Simazine	ug/kg		Actual						
581	Simazine	ug/l		Actual						
589	Trifluralin	ug/kg		Actual						
590	Trifluralin	ug/l		Actual						
591	Trifluralin	ug/kg		Actual						TRIBEN
592	Trifluralin	ug/l		Actual						TRIBEN
595	Acifluorfen, sodium salt	ug/l		Actual						
820	Dichloropropionic acid, 2,2- ***retired*** (use Dalapon)	ug/l	Total	Actual					WQ-1	
823	Endothall	ug/l		Actual						
840	Picloram	ug/l		Actual						
920	Pronamide	ug/l		Actual						
986	DNBP, 4,6-Dinitro-2-sec- butylphenol **retired**(use Dinoseb)	ug/l		Actual					WQ-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
M	Metals	Sample	Water				N
Citations	SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1						
Description	dm_data_type.test_group = 'M' (Metals)						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
102	Mercury	ug/l	Total	Actual					245.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Cadmium	ug/l	Total	Actual					WQ-1	
104	Copper	ug/l	Total	Actual					WQ-1	
105	Zinc	ug/l	Total	Actual						
106	Arsenic	ug/l	Total	Actual					WQ-1	
107	Lead	ug/l	Total	Actual					WQ-1	
108	Barium	ug/l	Total	Actual					WQ-1	
109	Cobalt	ug/l	Total	Actual						
110	Manganese	ug/l	Total	Actual					WQ-1	
111	Strontium	ug/l	Total	Actual						
116	Nickel	ug/l	Total	Actual					WQ-1	
169	Antimony	ug/l	Total	Actual					WQ-1	
170	Beryllium	ug/l	Total	Actual					210.2	LP-1
171	Thallium	ug/l	Total	Actual					279.2	
173	Antimony	ug/l	Dissolved	Actual					204.2	
174	Beryllium	ug/l	Dissolved	Actual					210.2	LP-1
189	Magnesium	mg/kg	Total	Actual					WQ-1	
195	Chromium, hexavalent	ug/l	Total	Actual					WQ-1	
196	Chromium, trivalent	ug/l	Total	Calculated					WQ-1	
202	Methylmercury (+1) ion	ng/l	Filterable	Actual					WQ-1	
203	Methylmercury (+1) ion	ng/l	Non-filterable	Actual					WQ-1	
206	Mercury	ng/l	Filterable	Actual					WQ-1	
207	Mercury	ng/l	Non-filterable	Actual					WQ-1	
217	Potassium	mg/kg	Total	Actual						
219	Calcium	mg/kg	Total	Actual						
238	Molybdenum	ug/l	Total	Actual					WQ-1	
36	Iron	ug/l	Total	Actual					WQ-1	
37	Iron	ug/l	Dissolved	Actual					WQ-1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
38	Iron, ferrous, Fe+2	ug/l	Total	Actual					WQ-1	LP-1
39	Aluminum	ug/l	Dissolved	Actual						
40	Arsenic	ug/l	Dissolved	Actual					WQ-1	
41	Barium	ug/l	Dissolved	Actual					WQ-1	
42	Cadmium	ug/l	Dissolved	Actual					WQ-1	
43	Chromium	ug/l	Dissolved	Actual					WQ-1	
44	Cobalt	ug/l	Dissolved	Actual						
45	Copper	ug/l	Dissolved	Actual					WQ-1	
46	Lead	ug/l	Dissolved	Actual					WQ-1	
48	Manganese	ug/l	Dissolved	Actual					WQ-1	
49	Mercury	ug/l	Dissolved	Actual					WQ-1	
50	Nickel	ug/l	Dissolved	Actual					WQ-1	
51	Selenium	ug/l	Dissolved	Actual					WQ-1	
52	Silver	ug/l	Dissolved	Actual					WQ-1	
53	Strontium	ug/l	Dissolved	Actual						
54	Zinc	ug/l	Dissolved	Actual						
66	Aluminum	ug/l	Total	Actual						
72	Chromium	ug/l	Total	Actual					WQ-1	
806	Aluminum	mg/kg		Actual						
807	Antimony	mg/kg	Total	Actual					WQ-1	
809	Beryllium	mg/kg	Total	Actual					WQ-1	
810	Chromium	mg/kg	Total	Actual					WQ-1	
811	Chromium, hexavalent	mg/l	Total	Actual					WQ-1	
812	Iron	mg/kg	Total	Actual					WQ-1	
814	Nickel	mg/kg	Total	Actual					WQ-1	
815	Selenium	mg/kg	Total	Actual					WQ-1	
816	Silver	mg/kg	Total	Actual					WQ-1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
817	Thallium	mg/kg	Total	Actual					WQ-1	
818	Vanadium	ug/l		Actual						
84	Selenium	ug/l	Total	Actual					WQ-1	
96	Silver	ug/l	Total	Actual					WQ-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MI	Major Ions	Sample	Water				N
Citations	SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1						
Description	dm_data_type.test_group = 'MI' (Major Ions)						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
199	Bromide	mg/l		Actual						
28	Sodium	mg/l	Dissolved	Actual					WQ-1	
29	Potassium	mg/l	Dissolved	Actual						
30	Calcium	mg/l	Dissolved	Actual						
31	Magnesium	mg/l	Dissolved	Actual					WQ-1	
32	Chloride	mg/l	Dissolved	Actual						
33	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual						
35	Hardness, carbonate	mg/l		Actual						
55	Fluorides	mg/l	Total	Actual					WQ-1	
56	Sulfide	mg/l	Total	Actual						
67	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					FIELD ALKALINIT	TITRATION
79	Calcium	mg/l	Total	Actual						
842	Calcium as CaCO3	mg/kg		Actual					CACO3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
97	Solids, Dissolved	mg/l	Total	Actual					WQ-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MIS	Miscellaneous	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1
Description dm_data_type.test_group = 'Misc' (Miscellanea)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
27	Silica	mg/l	Dissolved	Actual						
409	Hydroxycarbofuran, 3-	mg/l		Actual						
415	Aldicarb sulfone	ug/l	Total	Actual					WQ-1	
416	Aldicarb sulfoxide	ug/l	Total	Actual					WQ-1	
446	Trithion	ug/kg		Actual						
447	Trithion	ug/l		Actual						
452	Chloropicrin	ug/l		Actual						
453	Daconil	ug/kg		Actual						
454	Daconil	ug/l		Actual						
456	Chloropyrifos	ug/l		Actual						LP-1
457	Chloropyrifos	ug/kg		Actual						ETHYL
459	Chlorpyrifos-methyl	ug/kg		Actual						
460	Chlorpyrifos-methyl	ug/l		Actual						
486	Dicofol	ug/l		Actual						
494	Disulfoton	ug/kg		Actual						
495	Disulfoton	ug/l		Actual						
514	Ethylene thiourea	ug/l		Actual						
518	Fonofos	ug/kg		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
519	Fonofos	ug/l		Actual						
537	Methomyl	ug/l		Actual						
543	Methyl trithion	ug/l		Actual						
57	Carbon, organic plus inorganic (TC) **Retired	mg/l		Actual						
58	Carbon, Total Inorganic	mg/l		Actual					WQ-1	
60	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual					WQ-1	
603	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					WQ-1	
626	2-Chloroethyl vinyl ether	ug/l	Total	Actual					WQ-1	
630	Acrylonitrile	ug/l		Actual						
652	cis-1,3-Dichloropropene	ug/l		Actual						
654	Dichloroethene (all isomers)	ug/l	Total	Actual					WQ-1	
662	Chlorotoluene, 2-	ug/l		Actual						
681	Methyl ethyl ketone	ug/l		Actual						
682	Hexanone, 2-	ug/l		Actual						
683	Methyl isobutyl ketone	ug/l		Actual					WQ-1	
685	Carbon disulfide	ug/l		Actual						
709	Dinitro-o-cresol	ug/l		Actual						
721	p-Nitrophenol	ug/l		Actual						
725	Acenaphthylene	ug/l	Total	Actual					WQ-1	
73	Carbon, Total Inorganic	mg/l	Dissolved	Actual					WQ-1	
753	Dibutyl phthalate	ug/l	Total	Actual					WQ-1	
755	bis(n-octyl) Phthalate	ug/l	Total	Actual					WQ-1	
757	Dibenzo[a,h]anthracene	ug/l		Actual						
761	Dimethyl phthalate	ug/l	Total	Actual					WQ-1	
773	Hexachloroethane	ug/l		Actual						
775	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					WQ-1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
779	n-Nitrosodipropylamine	ug/l	Total	Actual					WQ-1	
781	Nitrosodimethylamine, n-	ug/l	Total	Actual					WQ-1	
783	n-Nitrosodiphenylamine	ug/l		Actual						
785	n-Nitrosodiphenylamine	ug/l		Actual						NITRODIPHE
854	Trichloronaphthalene	ug/l		Actual						HAL1000
856	Trichloronaphthalene	ug/l		Actual						HAL1099
87	Iodide ion	mg/l		Actual						ORGCOMP
88	Odor, Threshold Number	ton		Actual						T60D
908	bis(2-ethylhexyl) adipate	ug/l	Total	Actual					WQ-1	
91	Alkalinity, Bicarbonate as CaCO3	mg/l	Dissolved	Actual						200.2
911	Butyl benzyl phthalate	ug/l	Total	Actual					WQ-1	
92	Alkalinity, Carbonate as CaCO3	mg/l	Dissolved	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
N	Nutrients	Sample	Water				N
Citations		SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1					
Description		dm_data_type.test_group = 'N' (Nutrient)					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
18	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
19	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual						
20	Nitrogen, ammonia (NH3) as NH3	mg/l	Dissolved	Actual						
21	Nitrogen, Kjeldahl	mg/l	Total	Actual						
22	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
23	Phosphorus, orthophosphate as P	mg/l		Actual						
25	Phosphorus	mg/l	Total	Actual						
26	Phosphorus	mg/l	Dissolved	Actual						
34	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
78	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
80	Nitrogen ion (N)	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
O	Organic	Sample	Water				N
Citations	SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1						
Description	dm_data_type.test_group = 'O' (Organic)						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
100	Carbon, Total Organic (Toc)	mg/l	Total	Actual					WQ-1	
168	Alkaline phosphatase	nM/minmL		Actual						
221	MBAS (detergents, surfactants)	mg/l		Actual						
224	Oil and Grease	mg/l		Actual					FREON-EXT	
601	Prometone	ug/l		Actual						
77	Solids, Total Suspended (TSS)	mg/l	Volatile	Actual					WQ-1	
838	Dicamba	ug/l		Actual						
839	Propachlor	ug/l	Dissolved	Actual						
844	Carbon, Total Organic (Toc)	g/kg	Total	Actual					WQ-1	
851	Cyanide	mg/l		Actual					WQ-1	
89	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					WQ-1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
P	Physical	Sample	Water				N			
Description dm_data_type.test_group = 'P' (Physical)										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Solids, Total Suspended (TSS)	mg/l		Actual					WQ-1	
17	Solids, Fixed	mg/l	Suspended	Actual					WQ-1	
341	Merphos	ug/l		Actual						
342	Thiobencarb	ug/l		Actual						
344	Butachlor	ug/l		Actual						
345	Carboxin	ug/l		Actual						
346	Cycloate	ug/l		Actual						
347	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l		Actual					WQ-1	
349	Disulfotone sulfone	ug/l	Total	Actual					WQ-1	
350	Diphenamid	ug/l		Actual						
351	Simetryn	ug/l	Total	Actual					WQ-1	
352	Propazine	ug/l		Actual						
353	Pebulate	ug/l		Actual						
354	Napropamide	ug/l		Actual						
355	Molinate	ug/l		Actual						
357	Fluridone	ug/l		Actual						
358	Fenarimol	ug/l		Actual						
359	Terbacil	ug/l		Actual						
360	Tebuthiuron	ug/l		Actual						
361	Stirofos ***retired*** To ISN 11769	ug/l		Actual						
362	Atraton	ug/l		Actual						
363	Chlorpropham	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
912	Xylene, o-	ug/l	Total	Actual					WQ-1	
913	Xylenes, m- & p- Mix	ug/l	Total	Actual					WQ-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PES	Pesticides	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1
Description (New) test group = 'PES'

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
410	Orthene	ug/l		Actual						
411	Alachlor	ug/kg		Actual						
412	Alachlor	ug/l		Actual						
414	Aldicarb	ug/l		Actual						
417	Aldrin	ug/kg		Actual						
418	Aldrin	ug/l		Actual						
423	Azinphos-methyl	ug/kg		Actual						
424	Azinphos-methyl	ug/l		Actual						
426	Benomyl	ug/l		Actual						
427	BHC, beta-BHC & gamma-BHC Mix, unspecified	ug/l	Total	Actual					WQ-1	UNSPECIFIED
428	BHC-alpha	ug/kg	Total	Actual					WQ-1	
429	BHC-alpha	ug/l	Total	Actual					WQ-1	
430	BHC-beta	ug/kg	Total	Actual						
431	BHC-beta	ug/l	Total	Actual						
432	BHC-delta	ug/kg		Actual						
433	BHC-delta	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
434	BHC-gamma (Lindane)	ug/kg	Total	Actual					WQ-1	
435	BHC-gamma (Lindane)	ug/l	Total	Actual					WQ-1	
443	Sevin	ug/l		Actual						
445	Carbofuran	ug/l		Actual						
448	Chlordane	ug/kg	Total	Actual					WQ-1	
449	Chlordane	ug/l	Total	Actual					WQ-1	
475	DDT ***retired*** (use DDT, p,p'-)	ug/l		Actual						
477	DDT,o,p'-	ug/l	Total	Actual					WQ-1	
478	DDT, p,p'-	ug/kg	Total	Actual					WQ-1	
479	DDT, p,p'-	ug/l	Total	Actual					WQ-1	
480	Demeton	ug/kg		Actual						
481	Demeton	ug/l		Actual						
482	Diazinon	ug/kg		Actual						
483	Diazinon	ug/l		Actual						
487	Dieldrin	ug/kg		Actual						
488	Dieldrin	ug/l		Actual						
491	Dimethoate	ug/l		Actual						
499	Endosulfan	ug/l		Actual						
500	Endosulfan, alpha-	ug/kg		Actual						
501	Endosulfan, alpha-	ug/l		Actual						
502	Endosulfan, beta-	ug/kg		Actual						
503	Endosulfan, beta-	ug/l		Actual						
504	Endosulfan Sulfate	ug/kg		Actual						
505	Endosulfan Sulfate	ug/l		Actual						
506	Endrin	ug/kg		Actual						
507	Endrin	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
508	Endrin Aldehyde	ug/kg		Actual						
509	Endrin Aldehyde	ug/l		Actual						
512	Ethoprop	ug/kg		Actual						
513	Ethoprop	ug/l		Actual						
515	Fenamiphos	ug/kg		Actual						
516	Fenamiphos	ug/l		Actual						
521	Heptachlor	ug/kg		Actual						
522	Heptachlor	ug/l		Actual						
523	Heptachlor epoxide	ug/kg		Actual						
524	Heptachlor epoxide	ug/l		Actual						
530	Malathion	ug/kg		Actual						
531	Malathion	ug/l		Actual						
532	Metalaxyl	ug/l		Actual						
533	Methamidophos	ug/kg		Actual						
534	Methamidophos	ug/l		Actual						
535	Mercaptodimethur	ug/l		Actual						
538	Methoxychlor	ug/kg		Actual						
539	Methoxychlor	ug/l		Actual						
541	Methyl bromide	ug/l		Actual						
548	Phosdrin	ug/kg		Actual						
549	Phosdrin	ug/l		Actual						
550	Mirex	ug/kg		Actual						
551	Mirex	ug/l		Actual						
552	Azodrin	ug/kg		Actual						
553	Azodrin	ug/l		Actual						
554	Naled	ug/kg		Actual						
555	Naled	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
559	Oxamyl	ug/l		Actual						
561	Paraquat	ug/l		Actual						
563	Parathion	ug/l		Actual						
568	Permethrin	ug/l		Actual						
570	Perthane	ug/l		Actual						
571	Phorate	ug/kg		Actual						
572	Phorate	ug/l		Actual						
577	Propoxur	ug/l		Actual						
584	Tedion	ug/l		Actual						
585	Toxaphene	ug/kg		Actual						
586	Toxaphene	ug/l		Actual						
593	Zinc phosphide	mg/l		Actual						
594	Zinc phosphide	ug/l		Actual						
670	trans-1,3-Dichloropropene	ug/l		Actual						
787	Naphthalene	ug/l	Total	Actual					WQ-1	
789	nitro-Benzene	ug/l	Total	Actual					WQ-1	
928	Demeton, o-	ug/l	Total	Actual					WQ-1	
931	Dichlorovos (DDVP)	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAD	Radiological	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
304	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual						GROSS

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
305	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual						GROSS
306	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L		Actual						GEC
307	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual						GROSS
309	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L		Actual						GEC
310	Uranium	ug/l	Total	Actual						
311	Radium-228	pCi/L	Non-filterable	Actual						GAMMA
312	Radium-228	pCi/L	Filterable	Actual						GAMMA
314	Radium-226	pCi/L	Non-filterable	Actual						GAMMA
315	Radium-226	pCi/L	Filterable	Actual						GAMMA
317	Radon-222	pCi/L	Total	Actual						
319	Oxygen 18		Total	Actual					WQ-1	
320	Tritium	pCi/L	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SVO	SVOC- Semi-Volatile Org Comp	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
419	Ametryne	ug/kg		Actual						
420	Ametryne	ug/l		Actual						
421	Atrazine	ug/kg		Actual						
422	Atrazine	ug/l		Actual						
510	Ethion	ug/kg		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
511	Ethion	ug/l		Actual						
525	Hexazinone	ug/kg		Actual						
526	Hexazinone	ug/l		Actual						
599	Desethyl atrazine	ug/l	Total	Actual					WQ-1	
693	2,4,6-Trichlorophenol (TCPPh)	ug/l	Total	Actual					WQ-1	
695	2,4-Dichlorophenol	ug/l		Actual						
697	2,4-Dimethylphenol	ug/l		Actual						
699	Dinitrophenol, 2,4-	ug/l	Total	Actual					WQ-1	
701	2,4-Dinitrotoluene	ug/l		Actual						
703	2,6-Dinitrotoluene	ug/l		Actual						
705	Chloronaphthalene-2	ug/l		Actual						
707	Chlorophenol-2	ug/l		Actual						
711	Nitrophenol, 2-	ug/l	Total	Actual					WQ-1	
713	Dichlorobenzidine, 3,3'-	ug/l		Actual						
715	Bromophenyl-4 phenyl ether	ug/l		Actual						
717	4-Chloro-3-methylphenol	ug/l		Actual						
719	Chlorophenyl-4 phenyl ether	ug/l		Actual						
723	Acenaphthene	ug/l		Actual						
727	Anthracene	ug/l	Total	Actual					WQ-1	
733	Benzo[a]anthracene	ug/l		Actual						
735	Benzo[a]pyrene	ug/l		Actual						
737	Benzo[b]fluoranthene	ug/l	Total	Actual					WQ-1	
739	Benzo[g,h,i]perylene	ug/l	Total	Actual					WQ-1	
741	Benzo[k]fluoranthene	ug/l	Total	Actual					WQ-1	
743	bis(2-chloroethoxy) methane	ug/l	Total	Actual					WQ-1	
747	Dichlorodiisopropyl ether, 2,2'-	ug/l		Actual						
749	bis(2-ethylhexyl) phthalate	ug/l	Total	Actual					WQ-1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(DEHP)									
763	Fluoranthenes, C1-C4	ug/l	Total	Actual					WQ-1	
765	Fluorenes, C1-C3	ug/l	Total	Actual					WQ-1	
767	Hexachlorobenzene	ug/l		Actual						
769	Hexachlorobutadiene	ug/l	Total	Actual					WQ-1	
771	Hexachlorocyclopentadiene	ug/l		Actual						
795	Phenol	ug/l	Total	Actual					WQ-1	
797	Pyrene	ug/l	Total	Actual					WQ-1	
862	Pcb-aroclor (mixture unspecified)	ug/l	Total	Actual					WQ-1	
863	Pcb-aroclor 1016	ug/kg	Total	Actual					WQ-1	
864	Pcb-aroclor 1016	ug/l	Total	Actual					WQ-1	
865	Pcb-aroclor 1221	ug/kg	Total	Actual					WQ-1	
866	Pcb-aroclor 1221	ug/l	Total	Actual					WQ-1	
867	Pcb-aroclor 1232	ug/kg	Total	Actual					WQ-1	
868	Pcb-aroclor 1232	ug/l	Total	Actual					WQ-1	
869	Pcb-aroclor 1242	ug/kg	Total	Actual					WQ-1	
870	Pcb-aroclor 1242	ug/l	Total	Actual					WQ-1	
871	Pcb-aroclor 1248	ug/kg	Total	Actual					WQ-1	
872	Pcb-aroclor 1248	ug/l	Total	Actual					WQ-1	
873	Pcb-aroclor 1254	ug/kg	Total	Actual					WQ-1	
874	Pcb-aroclor 1254	ug/l	Total	Actual					WQ-1	
875	Pcb-aroclor 1260	ug/kg	Total	Actual					WQ-1	
876	Pcb-aroclor 1260	ug/l	Total	Actual					WQ-1	
878	Pcb-aroclor 1262	ug/l	Total	Actual					WQ-1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TOX	Toxic	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1
Description (new) test group = 'TOX'

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
456	Chloropyrifos	ug/l		Actual						
463	DDD ***retired*** (use DDD, p,p')	ug/l		Actual						
465	DDD, o,p'-	ug/l		Actual						
466	DDD, p,p'-	ug/kg	Total	Actual					WQ-1	
467	DDD, p,p'-	ug/l	Total	Actual					WQ-1	
469	DDE ***retired*** (use DDE, p,p'-)	ug/l		Actual						
471	DDE, o,p'-	ug/l		Actual						
472	DDE, p,p'-	ug/kg	Total	Actual					WQ-1	
473	DDE, p,p'-	ug/l	Total	Actual					WQ-1	
485	Dicofol	ug/kg		Actual						
628	Acrolein	ug/l		Actual						
638	Methyl bromide	ug/l		Actual						
684	Acetone	ug/l		Actual						
691	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	ug/l	Total	Actual					WQ-1	
731	Benzidine	ug/l		Actual						
745	bis(2-chloroethyl) ether	ug/l		Actual						
751	Chrysenes C1-C4	ug/l	Total	Actual					WQ-1	
759	Diethyl phthalate	ug/l	Total	Actual					WQ-1	
777	Isophorone	ug/l		Actual						
793	Phenanthrenes, C1-C4	ug/l	Total	Actual					WQ-1	
82	Fluorides	mg/l	Dissolved	Actual					WQ-1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
852	Cyanide	mg/l	Dissolved	Actual					WQ-1	
858	Polychlorinated naphthalenes (PCNs)	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC	VOC- Volatile Organic Compound	Sample	Water				N

Citations SFWMD, 2004, SFWMD SOP's For Water Quality Monitoring, South Florida Water Management District, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
337	Dichlorodifluoromethane	ug/l		Actual						
338	Freon 113	ug/l		Actual						
600	Styrene	ug/l		Actual						
606	Trichloroethane, 1,1,1-	ug/l	Total	Actual					WQ-1	
608	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					WQ-1	
610	Trichloroethane, 1,1,2-	ug/l	Total	Actual					WQ-1	
612	Dichloroethane, 1,1-	ug/l		Actual						
614	1,1-Dichloroethylene	ug/l	Total	Actual					WQ-1	
616	1,2-Dichlorobenzene	ug/l		Actual						VOC-SF
618	Dichloroethane, 1,2-	ug/l	Total	Actual					WQ-1	
620	Dichloropropane, 1,2-	ug/l		Actual						
622	1,3-Dichlorobenzene	ug/l		Actual						VOC-SF
624	1,4-Dichlorobenzene	ug/l	Total	Actual					WQ-1	VOC-SF
632	Benzene	ug/l		Actual						
634	Dichlorobromomethane	ug/l		Actual						
636	Bromoform	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
640	Carbon tetrachloride	ug/l	Total	Actual					WQ-1	
642	Chlorobenzene	ug/l		Actual						
644	Chloroethane	ug/l		Actual						
646	Chloroform	ug/l		Actual						
648	Methyl chloride	ug/l		Actual						
650	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l		Actual						
656	Chlorodibromomethane	ug/l		Actual						
658	Ethylbenzene	ug/l		Actual						
660	Dichloromethane	ug/l	Total	Actual					WQ-1	
664	Tetrachloroethylene	ug/l		Actual						
666	Toluene	ug/l		Actual						
668	trans-1,2-Dichloroethylene	ug/l		Actual						
672	Trichloroethylene	ug/l		Actual						
676	Vinyl chloride	ug/l		Actual						
678	Xylenes mix of m + o + p	ug/l	Total	Actual					WQ-1	XIL1
680	Xylenes mix of m + o + p	ug/l	Total	Actual					WQ-1	XYL2
687	1,2,4-Trichlorobenzene	ug/l	Total	Actual					WQ-1	
689	Diphenylhydrazine, 1,2-	ug/l		Actual						
729	Diphenylhydrazine, 1,2-	ug/l		Actual						AZODIPH
791	Pentachlorophenol (PCP)	ug/l	Total	Actual					WQ-1	
798	1,2-Dichlorobenzene	ug/l		Actual						BNA-SF
799	1,3-Dichlorobenzene	ug/l		Actual						BNA-SF
800	1,4-Dichlorobenzene	ug/l	Total	Actual					WQ-1	BNA-SF
821	1,2-Dibromo-3-chloropropane (DBCP)	ug/l		Actual					WQ-1	
822	Ethylene dibromide (EDB)	ug/l	Total	Actual					WQ-1	

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Suwannee River Water Management District (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GWQFIELD	Ground Water Field Measurement	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual					360.1	
PHF	pH	None		Actual					150.1	
SP_COND	Specific conductance	uS/cm		Actual					120.1	
TEMP	Temperature, water	deg C		Actual					170.1	
WLMSL	Elevation, water surface, MSL	ft		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GWQLAB	Ground Water Lab Results	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKTOT	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					310.1	
ASTOT	Arsenic	mg/l	Total	Actual					6010B	
CATOT	Calcium	mg/l	Total	Actual					6010A	
CDTOT	Cadmium	mg/l	Total	Actual					6010B	
CLTOT	Chloride	mg/l	Total	Actual					300(A)	
DOC	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					5310-B	
FETOT	Iron	mg/l	Total	Actual					6010B	
FTOT	Fluorides	mg/l	Total	Actual					300(A)	
KTOT	Potassium	mg/l	Total	Actual					6010A	

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Suwannee River Water Management District (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MGTOT	Magnesium	mg/l	Total	Actual					6010A	
MNTOT	Manganese	mg/l	Total	Actual					6010B	
NATOT	Sodium	mg/l	Total	Actual					6010A	
NH3N	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l		Actual					350.1	
NO2N	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					353.2	
NO3N	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
PBTOT	Lead	mg/l	Total	Actual					6010A	
PTOT	Phosphorus	mg/l	Total	Actual					300(A)	
SILICATO	Silica	mg/l	Total	Actual					200.7(W)	
SITOT	Silicon as Si	mg/l	Total	Actual					6010B	
SO4TOT	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
SRTOT	Strontium	mg/l	Total	Actual					6010B	
TDS	Solids, Dissolved	mg/l		Actual					160.1	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
TURB	Turbidity	NTU	Total	Actual					180.1	
VSS	Solids, Volatile	mg/l	Suspended	Actual					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SWQFIELD	Surface water- field measured	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CONDF	Specific conductance	uS/cm		Actual					120.1	
CONDTEMP	Temperature, water	deg C		Actual						

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Suwannee River Water Management District (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual					360.1	
FLOWCFM	Flow	cfm		Actual					NOT REPORTED	
FLOWCFS	Flow	cfs		Actual					NOT REPORTED	
PHF	pH	None		Actual					150.1	
SAL	Salinity	ppth		Actual					120.1	
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHI1	Depth, Secchi Disk Depth (Choice List)									
STAGEMSL	Elevation, water surface, MSL	ft		Actual					NOT REPORTED	
TEMP	Temperature, water	deg C		Actual					170.1	
TOTDEPM	Depth, bottom	m		Actual						
TURB	Turbidity	NTU	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SWQLAB	Surface Water Stations -Lab	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKTOT	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					310.1	
ASTOT	Arsenic	mg/l	Total	Actual					6010B	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	NOT REPORTED	
CATOT	Calcium	mg/l	Total	Actual					6010A	
CDTOT	Cadmium	mg/l	Total	Actual					6010B	

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Suwannee River Water Management District (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
CHLACORR	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	
CHLARATI	Chlorophyll/Pheophytin ratio	ug/l	Total	Actual					10200 SM	
CHLB	Chlorophyll-b	ug/l	Total	Actual					10200-H	
CHLC	Chlorophyll-c	ug/l	Total	Actual					10200-H	
CLTOT	Chloride	mg/l	Total	Actual					300(A)	
COLIFEC	Fecal Coliform	#/100ml		Actual					9222-D	
COLITOT	Total Coliform	#/100ml		Actual					9222-B	
COLORAP	Color, Apparent	PCU		Actual					110.2	
CONDL	Specific conductance	uS/cm	Total	Actual					120.1	
DOC	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					5310-B	
FETOT	Iron	mg/l	Total	Actual					6010B	
FNO3N	Nitrogen, Nitrate (NO3) as NO3	tons/day		Calculated					NOT REPORTED	
FTOT	Fluorides	mg/l	Total	Actual					300(A)	
KTOT	Potassium	mg/l	Total	Actual					6010A	
MGTOT	Magnesium	mg/l	Total	Actual					6010A	
MNTOT	Manganese	mg/l	Total	Actual					6010B	
NATOT	Sodium	mg/l	Total	Actual					6010A	
NH3NTOT	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l		Actual					350.1	
NO2N	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					353.2	
NO3N	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NOXNTOT	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
OILGREAS	Oil and Grease	mg/l	Total	Actual						

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Suwannee River Water Management District (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
OPO4D	Phosphorus, orthophosphate as PO4	mg/l	Dissolved	Actual					300(A)	
OPO4DISS	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PBTOT	Lead	mg/l	Total	Actual					6010A	
PHAEPHYT	Pheophytin-a	ug/l	Total	Actual					10200-H	
PHL	pH	None	Total	Actual					150.1	
PTOT	Phosphorus	mg/l	Total	Actual					300(A)	
RESDISS	Solids, Dissolved	mg/l		Actual					160.1	
RESFIXNF	Solids, Fixed	mg/l		Actual					NOT REPORTED	
RESNFLT	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
RESTOT	Solids, Total	mg/l		Actual					NOT REPORTED	
RESVOL	Solids, Volatile	mg/l		Actual					160.4	
RESVOLDS	Solids, Volatile	mg/l	Dissolved	Actual					160.4	
RESVOLNF	Solids, Volatile	mg/l	Non-filterable	Actual					160.4	
SILICATO	Silica	mg/l	Total	Actual					200.7(W)	
SITOT	Silicon as Si	mg/l	Total	Actual					6010B	
SO4TOT	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
SRTOT	Strontium	mg/l	Total	Actual					6010B	
STREPFEC	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9230-C	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TURB	Turbidity	NTU	Total	Actual					180.1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	General Weather Observations	Field Msr/Obs	Air				N

Citations Compiled by Melissa Bouchelle, 1993, Indian River Lagoon Water Quality Monitoring Network QA / QC Manual, SJRWMD Indian River Lagoon National Estuary Program, Section 7.0, Page 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, air	deg C		Actual						
	Acceptable Range	0.00000 - 45.00000 deg C								
2	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
	Acceptable Range	0.00000 - 360.00000 Deg								
3	Wind velocity	mph		Actual						
	Acceptable Range	0.00000 - 35.00000 mph								
4	Cloud cover	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	Total Depth and Secchi Depth	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth, bottom	m		Actual						
	Acceptable Range	0.00000 - 10.00000 m								
2	Depth, Secchi Disk Depth	m		Actual						
	Acceptable Range	0.00000 - 10.00000 m								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	Hydrolab Measurements	Field Msr/Obs	Water				N

Citations Hydrolab Corporation, 1998, DataSonde 4 and MiniSonde User's Manual, Hydrolab Corporation, Chapter 3, page 21

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water Acceptable Range	deg C 5.00000 - 35.00000 deg C		Actual						
2	pH Acceptable Range	None 4.00000 - 10.00000 None		Actual						
3	Specific conductance Acceptable Range	umho/cm 0.00000 - 75,000.00000 umho/cm		Actual						
4	Salinity Acceptable Range	ppt 0.00000 - 45.00000 ppt		Actual						
5	Dissolved oxygen (DO) Acceptable Range	mg/l 0.00000 - 15.00000 mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	HL Sample, Mid-depth	Sample	Water				N
Citations		Compiled by Melissa Bouchelle, 1993, Indian River Lagoon Water Quality Monitoring Network QA / QC Manual, SJRWMD Indian River Lagoon National Estuary Program, Section 7.0, Page 1					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Color, True Acceptable Range	PCU 0.00000 - 1,000.00000 PCU		Actual						
2	Phosphorus Acceptable Range	mg/l 0.00000 - 1.00000 mg/l	Dissolved	Actual						
3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l 0.00000 - 5.00000 mg/l	Dissolved	Actual						
4	Turbidity Acceptable Range	NTU 0.00000 - 90.00000 NTU		Actual						
5	Solids, Fixed Acceptable Range	mg/l 0.00000 - 90.00000 mg/l	Non-filterable	Actual						
6	Phosphorus	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 4.00000 mg/l								
7	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 5.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-005	ML Sample, Mid-depth	Sample	Water				N

Citations Compiled by Melissa Bouchelle, 1993, Indian River Lagoon Water Quality Monitoring Network QA / QC Manual, SJRWMD
 Indian River Lagoon National Estuary Program, Section 7.0, Page 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Color, True	PCU		Actual						
	Acceptable Range	0.00000 - 999.00000 PCU								
2	Turbidity	NTU		Actual						
	Acceptable Range	0.00000 - 1,000.00000 NTU								
3	Solids, Fixed	mg/l	Non-filterable	Actual						
	Acceptable Range	0.00000 - 200.00000 mg/l								
4	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 2.00000 mg/l								
5	Phosphorus	mg/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 5.00000 mg/l								
6	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 10.00000 mg/l								
7	Phosphorus	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 9.00000 mg/l								
8	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 20.00000 mg/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-006	SJR-Sample, Mid-depth	Sample	Water				N

Citations Compiled by Melissa Bouchelle, 1993, Indian River Lagoon Water Quality Monitoring Network QA / QC Manual, SJRWMD
 Indian River Lagoon National Estuary Program, Section 7.0, Page 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
1	Turbidity	NTU		Actual							
	Acceptable Range	0.00000 - 1,000.00000 NTU									
2	Solids, Fixed	mg/l	Non-filterable	Actual							
	Acceptable Range	0.00000 - 150.00000 mg/l									
3	Phosphorus	mg/l	Dissolved	Actual							
	Acceptable Range	0.00000 - 5.00000 mg/l									
4	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual							
	Acceptable Range	0.00000 - 10.00000 mg/l									
5	Phosphorus	mg/l	Total	Actual							
	Acceptable Range	0.00000 - 9.00000 mg/l									
6	Nitrogen, Kjeldahl	mg/l	Total	Actual							
	Acceptable Range	0.00000 - 20.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-007	Chlorophyll	Sample	Water				N

Citations Compiled by Melissa Bouchelle, 1993, Indian River Lagoon Water Quality Monitoring Network QA / QC Manual, SJRWMD
 Indian River Lagoon National Estuary Program, Section 7.0, Page 1

Description The chlorophyll sample is collected at mid-secchi.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
1	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					VCEHLP-004		
	Acceptable Range	0.00000 - 98.00000 ug/l									
2	Pheophytin-a	ug/l	Total	Actual							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 150.00000 ug/l								
3	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					VCEHLP-004	
	Acceptable Range	0.00000 - 150.00000 ug/l								
4	Chlorophyll-b	ug/l	Total	Actual					VCEHLP-004	
	Acceptable Range	0.00000 - 50.00000 ug/l								
5	Chlorophyll-c	ug/l	Total	Actual					VCEHLP-004	
	Acceptable Range	0.00000 - 50.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-008	Bacteriological	Sample	Water				N
	Citations	Compiled by Melissa Bouchelle, 1993, Indian River Lagoon Water Quality Monitoring Network QA / QC Manual, SJRWMD Indian River Lagoon National Estuary Program, Section 7.0, Page 1					
	Description	Bacteriological sampling tongs are used to fill a Whirlpak bag with sample at a depth of 0.3 meters.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Total Coliform	#/100ml	Total	Actual					EPA TOTAL COL	
	Acceptable Range	0.00000 - 1,000.00000 #/100ml								
2	Fecal Coliform	#/100ml	Total	Actual			24 Hours		EPA FECAL COL	
	Acceptable Range	0.00000 - 800.00000 #/100ml								
3	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	0.00000 - 500.00000 #/100ml								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-AIR	Air Samples	Sample	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual					170.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-FLD	Field Observations	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	1.00000 - 40.00000	deg C							
00020	Temperature, air	deg C		Actual						
	Acceptable Range	1.00000 - 40.00000	deg C							
00076	Turbidity	NTU	Total	Actual					2130B	
00078	Depth, Secchi Disk Depth	m		Actual						
	Acceptable Range	0.00000 - 50.00000	m							
00090	Oxidation reduction potential (ORP)	mV	Total	Actual						
00094	Specific conductance	umho/cm	Total	Actual					2510B	
	Acceptable Range	0.00000 - 70,000.00000	umho/cm							
00299	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500	
	Acceptable Range	0.00000 - 20.00000	mg/l							
00400	pH	None	Total	Actual					150.1	
	Acceptable Range	2.00000 - 13.00000	None							
00480	Salinity	ppt	Total	Actual					2520B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-LAB	Lab parameters	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU	Total	Actual					2130B	
00080	Color, True	PCU	Total	Actual					2120B	
	Acceptable Range	0.00000 - 2,000.00000 PCU								
00307	BOD, nitrogenous	mg/l	Total	Calculated						
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day		5210B	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					5220B	
00403	pH	None	Total	Actual						
	Acceptable Range	2.00000 - 13.00000 None								
00410	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					2320B	
00500	Solids, Total	mg/l	Total	Actual					2540B	
00530	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					2540D	
00600	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Calculated					351.2	DEPSED SOP-019
00605	Nitrogen, organic	mg/l	Total	Calculated						DEPSED SOP-019
00608	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Dissolved	Actual						
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					DEP-SED-SOP-003	DEPSED SOP-003
00612	Ammonia, unionized	mg/l	Total	Calculated						
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
00623	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual						DEPSED SOP-019
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					DEP-SED-SOP-019	351.2 MAR 83
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					DEP-SED-SOP-012	DEPSED SOP-012
00631		mg/l	Dissolved	Actual						DEPSED SOP-012

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N									
00640	Nitrogen, inorganic	mg/l	Total	Calculated						DEPSED SOP-019
00665	Phosphorus as P	mg/l	Total	Actual					DEP-SED-SOP-021	DEPSED SOP-021
00666	Phosphorus as P	mg/l	Dissolved	Actual					DEP-SED-SOP-021	DEPSED SOP-021
00670	Phosphorus, organic as P	mg/l	Total	Actual						DEPSED SOP-021
00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					DEP-SED-SOP-015	DEPSED SOP-015
00720	Cyanide	ug/l	Total	Actual					335.3	
00900	Hardness, Ca + Mg	mg/l	Total	Actual					2340C	
00916	Calcium		Total	Actual						
00927	Magnesium		Total	Actual						
00940	Chloride	mg/l	Total	Actual					DEP-SED-SOP-007	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						
00950	Fluorides	mg/l	Dissolved	Actual					4500F	
00951	Fluorides	mg/l	Total	Actual					4500F	
00955	Silica	ug/l	Dissolved	Actual					4500SI	
00956	Silicate	mg/l	Dissolved	Actual						
01002	Arsenic	ug/l	Total	Actual					SM3500-AS.C	
01007	Barium	ug/l	Total	Actual					200.8(W)	
01012	Beryllium	ug/l	Total	Actual					200.7(W)	
01027	Cadmium	ug/l	Total	Actual					200.8(W)	
01034	Chromium	ug/l	Total	Actual					3500-CR-C	
01037	Cobalt	ug/l	Total	Actual					200.8(W)	
01042	Copper	ug/l	Total	Actual					SM3500-CU.C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01051	Lead	ug/l	Total	Actual					SM3500-PB.C	
01055	Manganese	ug/l	Total	Actual					SM3500-MN.C	
01059	Thallium	ug/l	Total	Actual					200.8(W)	
01062	Molybdenum	ug/l	Total	Actual					200.7(W)	
01067	Nickel	ug/l	Total	Actual					SM3500-NI.C	
01077	Silver	ug/l	Total	Actual					200.8(W)	
01093	Zinc	mg/kg	Total	Actual					6010B	
01097	Antimony	ug/l	Total	Actual					200.7(W)	
01108	Aluminum	mg/kg	Total	Actual					6010B	
01147	Selenium	ug/l	Total	Actual					200.7(W)	
01170	Iron	mg/kg	Total	Actual					6010B	
31501	Total Coliform	#/100ml	Total	Actual					9222B	
31616	Fecal Coliform	#/100ml	Total	Actual					9222D	
31673	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9230C	
32210	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200H(2)(C)	DEPSED SOP-008
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200H(2)(B)	DEPSED SOP-008
32212	Chlorophyll-b	ug/l	Total	Actual					10200H(2)(C)	DEPSED SOP-008
32214	Chlorophyll-c	ug/l	Total	Actual					10200H(2)(C)	DEPSED SOP-008
32218	Pheophytin-a	ug/l	Total	Actual					10200H(2)(B)	DEPSED SOP-008
34203	Acenaphthylene	ug/kg	Total	Actual					8270B(S)	
34208	Acenaphthene	ug/kg	Total	Actual					8270B(S)	
34223	Anthracene	ug/kg	Total	Actual					8270B(S)	
34245	Benzo[k]fluoranthene	ug/kg	Total	Actual					8270B(S)	
34250	Benzo[a]pyrene	ug/kg	Total	Actual					8270B(S)	
38260	MBAS (detergents, surfactants)	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
46003	Phosphate	mg/l	Dissolved	Actual						
70300	Solids, Dissolved	mg/l	Dissolved	Actual					2540C	
71870	Bromide	mg/l	Total	Actual						
71921	Mercury	ug/kg	Total	Actual					7471A	
71930	Mercury	mg/kg	Total	Actual					245.6	
80082	BOD, carbonaceous	mg/l	Total	Actual						
80096	Particle distribution	mg/kg		Calculated		Dry Particle Size Basis	Total		2540E	3550B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-SED	Sediment Samples	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00627	Nitrogen, Kjeldahl	mg/kg	Total	Actual					351.2	
00668	Phosphorus as P	mg/kg	Total	Actual						
00721	Cyanide	mg/kg	Total	Actual					335.3	
01003	Arsenic	mg/kg	Total	Actual					6010B	3050
01028	Cadmium	mg/kg	Total	Actual					6010B	3050
01029	Chromium	mg/kg	Total	Actual					6010B	3050
01043	Copper	mg/kg	Total	Actual					6010B	3050
01052	Lead	mg/kg	Total	Actual					6010B	3050
01053	Manganese	mg/kg	Total	Actual					6010B	3050
01068	Nickel	mg/kg	Total	Actual					6010B	3050
01078	Silver	mg/kg	Total	Actual					6010B	3050
01093	Zinc	mg/kg	Total	Actual					6010B	3050
01108	Aluminum	mg/kg	Total	Actual					6010B	3050

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01170	Iron	mg/kg	Total	Actual					6010B	3050
31641	Fecal Coliform	MPN	Total	Actual					9222D	
34203	Acenaphthylene	ug/kg	Total	Actual					8270C(S)	3550B
34208	Acenaphthene	ug/kg	Total	Actual					8270C(S)	3550B
34223	Anthracene	ug/kg	Total	Actual					8270C(S)	3550B
34233	Benzo[b]fluoranthene	ug/kg	Total	Actual					8270C(S)	3550B
34245	Benzo[k]fluoranthene	ug/kg	Total	Actual					8270C(S)	3550B
34250	Benzo[a]pyrene	ug/kg	Total	Actual					8270C(S)	3550B
34257	BHC-beta	ug/kg	Total	Actual					8081/8082_M	3550B
34262	BHC-delta	ug/kg	Total	Actual					8081/8082_M	3550B
34323	Chrysenes C1-C4	ug/kg	Total	Actual					8270C(S)	3550B
34354	Endosulfan Sulfate	ug/kg	Total	Actual					8081/8082_M	3550B
34359	Endosulfan, beta-	ug/kg	Total	Actual					8081/8082_M	3550B
34364	Endosulfan, alpha-	ug/kg	Total	Actual					8081/8082_M	3550B
34379	Fluoranthenes, C1-C4	ug/kg	Total	Actual					8270C(S)	3550B
34384	Fluorenes, C1-C3	ug/kg	Total	Actual					8270C(S)	3550B
34406	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual					8270C(S)	3550B
34445	Naphthalene	ug/kg	Total	Actual					8270C(S)	3550B
34464	Phenanthrenes, C1-C4	ug/kg	Total	Actual					8270C(S)	3550B
34472	Pyrene	ug/kg	Total	Actual					8270C(S)	3550B
34529	Benzo[a]anthracene	ug/kg	Total	Actual					8270C(S)	3550B
34559	Dibenzo[a,h]anthracene	ug/kg	Total	Actual					8270C(S)	3550B
38743	Chlorpyrifos-methyl	ug/kg	Total	Actual					8141A(S)_M	3550B
38858	Naled	ug/kg	Total	Actual					8141A(S)_M	3550B
38923	Metolachlor	ug/kg	Total	Actual					8141A(S)_M	3550B
39046	Simazine	ug/kg	Total	Actual					8141A(S)_M	3550B
39076	BHC-alpha	ug/kg	Total	Actual					8081/8082_M	3550B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39301	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					8081/8082_M	3550B
39311	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					8081/8082_M	3550B
39321	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					8081/8082_M	3550B
39333	Aldrin	ug/kg	Total	Actual					8081/8082_M	3550B
39343	BHC-gamma (Lindane)	ug/kg	Total	Actual					8081/8082_M	3550B
39351	Chlordane	ug/kg	Total	Actual					8081/8082_M	3550B
39383	Dieldrin	ug/kg	Total	Actual					8081/8082_M	3550B
39393	Endrin	ug/kg	Total	Actual					8081/8082_M	3550B
39399	Ethion	ug/kg	Total	Actual					8141A(S)_M	3550B
39403	Toxaphene	ug/kg	Total	Actual					8081/8082_M	3550B
39423	Heptachlor epoxide	ug/kg	Total	Actual					8081/8082_M	3550B
39481	Methoxychlor	ug/kg	Total	Actual					8081/8082_M	3550B
39491	Pcb-aroclor 1221	ug/kg	Total	Actual					8081/8082_M	3550B
39495	Pcb-aroclor 1232	ug/kg	Total	Actual					8081/8082_M	3550B
39499	Pcb-aroclor 1242	ug/kg	Total	Actual					8081/8082_M	3550B
39503	Pcb-aroclor 1248	ug/kg	Total	Actual					8081/8082_M	3550B
39507	Pcb-aroclor 1254	ug/kg	Total	Actual					8081/8082_M	3550B
39511	Pcb-aroclor 1260	ug/kg	Total	Actual					8081/8082_M	3550B
39514	Pcb-aroclor 1016	ug/kg	Total	Actual					8081/8082_M	3550B
39531	Malathion	ug/kg	Total	Actual					8141A(S)_M	3550B
39541	Parathion	ug/kg	Total	Actual					8141A(S)_M	3550B
39571	Diazinon	ug/kg	Total	Actual					8141A(S)_M	3550B
39581	Azinphos-methyl	ug/kg	Total	Actual					8141A(S)_M	3550B
39601	Methyl parathion	ug/kg	Total	Actual					8141A(S)_M	3550B
39631	Atrazine	ug/kg	Total	Actual					8141A(S)_M	3550B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
49195	Bromacil	ug/kg	Total	Actual					8141A(S)_M	3550B
70318	Solids, Fixed	% by wt	Non-volatile	Actual					2540B1	
70322	Solids, Volatile	% by wt	Volatile	Actual					2540E	
71921	Mercury	mg/kg	Total	Actual					7471_M	SOP-HG-020
75044	Heptachlor	ug/kg	Total	Actual					8081/8082_M	3550B
78505	Ametryne	ug/kg	Total	Actual					8141A(S)_M	3550B
78688	Prometryn	ug/kg	Total	Actual					8141A(S)_M	3550B
78828	Benzo[g,h,i]perylene	ug/kg	Total	Actual					8270C(S)	3550B
79792	Chloropyrifos	ug/kg	Total	Actual					8141A(S)_M	3550B
80096	Particle distribution	mg/kg		Calculated					2540E	3550B
					Particle Size Basis		Total			
81407	Alachlor	ug/kg	Total	Actual					8141A(S)_M	3550B
81409	Metribuzin	ug/kg	Total	Actual					8141A(S)_M	3550B
81412	Phorate	ug/kg	Total	Actual					8141A(S)_M	3550B
81889	Azodrin	ug/kg	Total	Actual					8141A(S)_M	3550B
82288	Ethoprop	ug/kg	Total	Actual					8141A(S)_M	3550B
82408	Fonofos	ug/kg	Total	Actual					8141A(S)_M	3550B
82633	Endrin Aldehyde	ug/kg	Total	Actual					8081/8082_M	3550B
82643	Phosdrin	ug/kg	Total	Actual					8141A(S)_M	3550B
PSL01	Fenamiphos	ug/kg	Total	Actual					8141A(S)_M	3550B
PSL02	Hexazinone	ug/kg	Total	Actual					8141A(S)_M	3550B
PSL03	Methamidophos	ug/kg	Total	Actual					8141A(S)_M	3550B
PSL04	Norflurazon	ug/kg	Total	Actual					8141A(S)_M	3550B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-TLH	Tallahassee Central Lab Import	Sample	Water				N

American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition.,

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Citations American Public Health Association, 20th Edition
Description standard methods 1998

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210B	
00608	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					DEP-SED-SOP-003	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					DEP-SED-SOP-003	
00623	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual					351.2	351.2 MAR 83
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	351.2 MAR 83
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
00665	Phosphorus as P	mg/l	Total	Actual					365.4	365.4 (SED)
00666	Phosphorus as P	mg/l	Dissolved	Actual					365.4	365.4 (SED)
00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300.0	
00955	Silica	ug/l	Dissolved	Actual					4500SI	
01002	Arsenic	ug/l	Total	Actual					6010B	3050
01007	Barium	ug/l	Total	Actual					200.8(W)	200.2
01012	Beryllium	ug/l	Total	Actual					200.8(W)	200.2
01027	Cadmium	ug/l	Total	Actual					200.8(W)	200.2
01034	Chromium	ug/l	Total	Actual					200.8(W)	200.2
01037	Cobalt	ug/l	Total	Actual					200.8(W)	200.2
01042	Copper	ug/l	Total	Actual					SM3500-CU.C	
01045	Iron	ug/l	Total	Actual					200.7(W)	200.2
01051	Lead	ug/l	Total	Actual					200.8(W)	200.2
01055	Manganese	ug/l	Total	Actual					200.8(W)	200.2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01059	Thallium	ug/l	Total	Actual					200.8(W)	200.2
01062	Molybdenum	ug/l	Total	Actual					200.8(W)	200.2
01067	Nickel	ug/l	Total	Actual					200.10_M	200.2
01077	Silver	ug/l	Total	Actual					200.8(W)	200.2
01092	Zinc	ug/l	Total	Actual					200.7(W)	200.2
01097	Antimony	ug/l	Total	Actual					200.8(W)	200.2
01105	Aluminum	ug/l	Total	Actual					200.7(W)	200.2
01147	Selenium	ug/l	Total	Actual					200.8(W)	200.2
04254	Metalaxyl	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
34259	BHC-delta	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
34351	Endosulfan Sulfate	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
34356	Endosulfan, beta-	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
34361	Endosulfan, alpha-	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
34366	Endrin Aldehyde	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
34671	Pcb-aroclor 1016	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
38740	Chlorpyrifos-methyl	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
38815	Hexazinone	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
38855	Naled	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
38929	Fenamiphos	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
38932	Chloropyrifos	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39033	Atrazine	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39055	Simazine	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39057	Prometryn	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39300	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39310	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39320	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39330	Aldrin	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39337	BHC-alpha	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39338	BHC-beta	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39340	BHC-gamma (Lindane)	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39350	Chlordane	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39356	Metolachlor	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39380	Dieldrin	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39390	Endrin	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39398	Ethion	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39400	Toxaphene	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39410	Heptachlor	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39420	Heptachlor epoxide	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39480	Methoxychlor	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39488	Pcb-aroclor 1221	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39492	Pcb-aroclor 1232	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39496	Pcb-aroclor 1242	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39500	Pcb-aroclor 1248	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39504	Pcb-aroclor 1254	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39508	Pcb-aroclor 1260	ug/l	Total	Actual					DEPSOP-GC-011-5	SOP-GC-002
39530	Malathion	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39570	Diazinon	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39580	Azinphos-methyl	ug/l	Total	Actual					8141A(S)_M	SOP-GC-002
39600	Methyl parathion	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
39610	Phosdrin	ug/l	Total	Actual					DEPSOP-GC-012-3	200.2
46313	Phorate	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
46315	Parathion	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
71900	Mercury	ug/l	Total	Actual					245.1	200.2
77825	Alachlor	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
78064	Norflurazon	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
81294	Fonofos	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
81408	Metribuzin	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
81410	Butylate	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
81758	Ethoprop	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
82184	Ametryne	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002
82198	Bromacil	ug/l	Total	Actual					DEPSOP-GC-012-3	SOP-GC-002

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SHRTFLD	short field group	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Specific conductance	umho/cm	Total	Actual					2510B	
	Acceptable Range	0.00000 - 70,000.00000 umho/cm								
	pH	None	Total	Actual					150.1	
	Acceptable Range	2.00000 - 13.00000 None								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500	
	Acceptable Range	0.00000 - 20.00000 mg/l								
	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	1.00000 - 40.00000 deg C								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHEM-SED	General Chemistry, Sediment	Sample	Sediment				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
46247	Carbon, organic plus inorganic (TC) **Retired	%	Total	Actual					DEP-SOP-NU-076	
46248	Phosphorus as P	mg/kg	Total	Actual					365.4	
49579	Nitrogen, Kjeldahl	mg/kg	Total	Actual					351.2	
70316	Weight	g/ml		Actual		Dry			DEP-SOP-BB14	
80149	Carbon, Total Inorganic	%	Total	Actual					DEP-SOP-NU-076	
80153	Carbon, Total Organic (Toc)	%	Total	Actual					DEP-SOP-NU-076	
80256	Particle size, Sieve No. 10, 9 mesh, (2.00mm)	% by wt	Total	Actual		Dry			DEP-SOP-BB15_5	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELDA	Field Measurements - Air	Field Msr/Obs	Air				N

Description Field Measurements about the air - the ambient weather.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual						
00032	Cloud cover	%		Actual						
00035	Wind velocity	mph		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00045	Precipitation	in		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELDW	Field Obs. and Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00004	Stream width measure	ft		Actual					DEP-SOP-FT-1800	
00010	Temperature, water	deg C		Actual					170.1	
00055	Velocity - stream	ft/sec		Actual					DEP-SOP-FT-1800	
00061	Flow	cfs		Calculated					DEP-SOP-FT-1800	
00064	Depth	ft		Calculated	Mean				DEP-SOP-FT-1800	
00065	Gage height	ft		Actual						
00067	Tide stage (choice list)									
00078	Depth, Secchi Disk Depth	ft		Actual					DEP-SOP-FT-1700	
00090	Oxidation reduction potential (ORP)	mV		Actual					2580	
00094	Specific conductance	umho/cm		Actual					120.1	
00198	Light attenuation, depth at 10%	ft		Actual					DEP-SOP-FT-1700	
00299	Dissolved oxygen (DO)	mg/l		Actual					360.1	
00301	Dissolved oxygen saturation	%		Actual					360.1	
00400	pH	None		Actual					150.1	
00480	Salinity	ppth		Actual					2520-B	
81903	Depth, bottom	ft		Actual						
82078	Turbidity	NTU		Actual					180.1	
SDCL	Depth, Secchi Disk Depth (Choice List)								DEP-SOP-FT-1700	
WLRP	Water level reference point	ft		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	elevation									
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
GENCHEM	General Chemistry	Sample	Water							N
Description		Laboratory Analyses of water where the lab code describes one or two parameters.								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU		Actual					180.1	
00081	Color, Apparent	PCU		Actual					110.2	
00095	Specific conductance	mho/cm		Actual					120.1	
00192	BOD, ultimate carbonaceous	ug/l		Actual					5210-B	
00310	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	5210-B	
00323	BOD, Biochemical oxygen demand	mg/l		Actual			15 Day	20 Deg C	5210-B	
00324	BOD, Biochemical oxygen demand	mg/l		Actual			20 Day	20 Deg C	5210-B	
00327	BOD, Biochemical oxygen demand	mg/l		Actual			11 Day	20 Deg C	5210-B	
00345	BOD, Biochemical oxygen demand	ml/l		Actual			25 Day	20 Deg C	5210-B	
00349	BOD, Biochemical oxygen demand	mg/l		Actual			30 Day	20 Deg C	5210-B	
00403	pH	None		Actual					150.1	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					310.1	
00480	Salinity	ppt		Actual					2520-B	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
00556	Oil and Grease	mg/l		Actual					1652	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00610	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	351.2
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
00665	Phosphorus as P	mg/l	Total	Actual					365.4	365.4
00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
00745	Sulfide	mg/l		Actual					376.1	
00900	Hardness, Ca + Mg	mg/l		Actual					2340	
00940	Chloride	mg/l	Dissolved	Actual					300(A)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
00951	Fluorides	mg/l	Dissolved	Actual					340.2	
00956	Silica	mg/l	Total	Actual					370.1	
31501	Total Coliform	#/100ml	Total	Actual					9222-B	
31616	Fecal Coliform	#/100ml	Total	Actual					9222-D	
31648	Escherichia coli	#/100ml	Total	Actual					9230-C	
31649	Enterococcus Group Bacteria	#/100ml	Total	Actual					9230-C	
31673	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9230-C	
32210	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-G	DEP-SOP-BB02
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-G	DEP-SOP-BB02
32218	Pheophytin-a	ug/l		Actual					10200-G	DEP-SOP-BB02
70300	Solids, Dissolved	mg/l	Total	Actual					160.1	
80082	BOD, carbonaceous	mg/l		Actual			5 Day	20 Deg C	5210-B	
82030	BOD, nitrogenous	mg/l		Actual			5 Day	20 Deg C	5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
85209	Algal growth potential	mg/l	Dissolved	Actual					10200-G	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-O	Metals - other	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
71900	Mercury	ug/l	Total	Actual					245.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-S	Metals in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
50119	Aluminum	mg/kg	Total	Actual					6010B	
50120	Arsenic	mg/kg	Total	Actual					6010B	
50125	Cadmium	mg/kg	Total	Actual					6010B	
50127	Chromium	mg/kg	Total	Actual					6010B	
50128	Copper	mg/kg	Total	Actual					6010B	
50129	Iron	mg/kg	Total	Actual					6010B	
50135	Nickel	mg/kg	Total	Actual					6010B	
50136	Lead	mg/kg	Total	Actual					6010B	
50143	Zinc	mg/kg	Total	Actual					6010B	
78419	Silver	mg/kg	Total	Actual					6010B	
80330	Mercury	mg/kg	Total	Actual					245.5	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
METALS1	Metals - EPA 200.8 Mod.	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1002	Arsenic	ug/l	Total	Actual					200.8(W)	
1007	Barium	ug/l	Total	Actual					200.8(W)	
1012	Beryllium	ug/l	Total	Actual					200.8(W)	
1027	Cadmium	ug/l	Total	Actual					200.8(W)	
1034	Chromium	ug/l	Total	Actual					200.8(W)	
1037	Cobalt	ug/l	Total	Actual					200.8(W)	
1042	Copper	ug/l	Total	Actual					200.8(W)	
1051	Lead	ug/l	Total	Actual					200.8(W)	
1055	Manganese	ug/l	Total	Actual					200.8(W)	
1059	Thallium	ug/l	Total	Actual					200.8(W)	
1067	Nickel	ug/l	Total	Actual					200.8(W)	
1077	Silver	ug/l	Total	Actual					200.8(W)	
1092	Zinc	ug/l	Total	Actual					200.8(W)	
1105	Aluminum	ug/l	Total	Actual					200.8(W)	
1147	Selenium	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
METALS2	Metals - EPA 200.7 Mod.	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00916	Calcium	mg/l	Total	Actual					200.7(W)	
00927	Magnesium	mg/l	Total	Actual					200.7(W)	
00929	Sodium	mg/l	Total	Actual					200.7(W)	
00937	Potassium	mg/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01002	Arsenic	ug/l	Total	Actual					200.7(W)	
01007	Barium	ug/l	Total	Actual					200.7(W)	
01022	Boron	ug/l	Total	Actual					200.7(W)	200.2
01027	Cadmium	ug/l	Total	Actual					200.7(W)	
01034	Chromium	ug/l	Total	Actual					200.7(W)	
01042	Copper	ug/l	Total	Actual					200.7(W)	
01045	Iron	ug/l	Total	Actual					200.7(W)	
01051	Lead	ug/l	Total	Actual					200.7(W)	
01062	Molybdenum	ug/l	Total	Actual					200.7(W)	
01067	Nickel	ug/l	Total	Actual					200.7(W)	
01092	Zinc	ug/l	Total	Actual					200.7(W)	
01097	Antimony	ug/l	Total	Actual					200.7(W)	
01147	Selenium	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NON-VOL	Non-Volatile Compounds	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
81436	Caffeine	ug/l	Total	Actual					8321	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORG-SED	Organic Compounds in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34203	Acenaphthylene	ug/kg	Total	Actual					8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34208	Acenaphthene	ug/kg	Total	Actual					8270C(S)	
34223	Anthracene	ug/kg	Total	Actual					8270C(S)	
34323	Chrysene	ug/kg	Total	Actual					8270C(S)	
34379	Fluoranthene	ug/kg	Total	Actual					8270C(S)	
34384	Fluorene	ug/kg	Total	Actual					8270C(S)	
34445	Naphthalene	ug/kg	Total	Actual					8270C(S)	
34464	Phenanthrene	ug/kg	Total	Actual					8270C(S)	
34472	Pyrene	ug/kg	Total	Actual					8270C(S)	
50909	Benzo[a]anthracene	ug/kg	Total	Actual					8270C(S)	
73161	Benzo[a]pyrene	ug/kg	Total	Actual					8270C(S)	
73164	Dibenzo[a,h]anthracene	ug/kg	Total	Actual					8270C(S)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGANICS	Organic Compounds (BNA)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
04259	Azobenzene	ug/l	Total	Actual					8270C(W)	
34200	Acenaphthylene	ug/l	Total	Actual					8270C(W)	
34205	Acenaphthene	ug/l	Total	Actual					8270C(W)	
34220	Anthracene	ug/l	Total	Actual					8270C(W)	
34230	Benzo[b]fluoranthene	ug/l	Total	Actual					8270C(W)	
34242	Benzo[k]fluoranthene	ug/l	Total	Actual					8270C(W)	
34247	Benzo[a]pyrene	ug/l	Total	Actual					8270C(W)	
34259	BHC-delta	ug/l	Total	Actual					8270C(W)	
34273	bis(2-chloroethyl) ether	ug/l	Total	Actual					8270C(W)	
34278	bis(2-chloroethoxy) methane	ug/l	Total	Actual					8270C(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34283	Dichlorodiisopropyl ether, 2,2'-	ug/l	Total	Actual					8270C(W)	
34292	Butyl benzyl phthalate	ug/l	Total	Actual					8270C(W)	
34320	Chrysenes C1-C4	ug/l	Total	Actual					8270C(W)	
34336	Diethyl phthalate	ug/l	Total	Actual					8270C(W)	
34341	Dimethyl phthalate	ug/l	Total	Actual					8270C(W)	
34356	Endosulfan, beta-	ug/l	Total	Actual					8270C(W)	
34361	Endosulfan, alpha-	ug/l	Total	Actual					8270C(W)	
34366	Endrin Aldehyde	ug/l	Total	Actual					8270C(W)	
34376	Fluoranthenes, C1-C4	ug/l	Total	Actual					8270C(W)	
34381	Fluorenes, C1-C3	ug/l	Total	Actual					8270C(W)	
34386	Hexachlorocyclopentadiene	ug/l	Total	Actual					8270C(W)	
34391	Hexachlorobutadiene	ug/l	Total	Actual					8270C(W)	
34396	Hexachloroethane	ug/l	Total	Actual					8270C(W)	
34403	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					8270C(W)	
34408	Isophorone	ug/l	Total	Actual					8270C(W)	
34428	n-Nitrosodipropylamine	ug/l	Total	Actual					8270C(W)	
34433	n-Nitrosodiphenylamine	ug/l	Total	Actual					8270C(W)	
34438	Nitrosodimethylamine, n-	ug/l	Total	Actual					8270C(W)	
34447	nitro-Benzene	ug/l	Total	Actual					8270C(W)	
34452	4-Chloro-3-methylphenol	ug/l	Total	Actual					8270C(W)	
34461	Phenanthrenes, C1-C4	ug/l	Total	Actual					8270C(W)	
34469	Pyrene	ug/l	Total	Actual					8270C(W)	
34521	Benzo[g,h,i]perylene	ug/l	Total	Actual					8270C(W)	
34526	Benzo[a]anthracene	ug/l	Total	Actual					8270C(W)	
34536	1,2-Dichlorobenzene	ug/l	Total	Actual					8270C(W)	
34551	1,2,4-Trichlorobenzene	ug/l	Total	Actual					8270C(W)	
34556	Dibenzo[a,h]anthracene	ug/l	Total	Actual					8270C(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34566	1,3-Dichlorobenzene	ug/l	Total	Actual					8270C(W)	
34571	1,4-Dichlorobenzene	ug/l	Total	Actual					8270C(W)	
34581	Chloronaphthalene-2	ug/l	Total	Actual					8270C(W)	
34586	Chlorophenol-2	ug/l	Total	Actual					8270C(W)	
34591	Nitrophenol, 2-	ug/l	Total	Actual					8270C(W)	
34596	bis(n-octyl) Phthalate	ug/l	Total	Actual					8270C(W)	
34601	2,4-Dichlorophenol	ug/l	Total	Actual					8270C(W)	
34606	2,4-Dimethylphenol	ug/l	Total	Actual					8270C(W)	
34611	2,4-Dinitrotoluene	ug/l	Total	Actual					8270C(W)	
34616	Dinitrophenol, 2,4-	ug/l	Total	Actual					8270C(W)	
34621	2,4,6-Trichlorophenol (TCP)	ug/l	Total	Actual					8270C(W)	
34626	2,6-Dinitrotoluene	ug/l	Total	Actual					8270C(W)	
34631	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					8270C(W)	
34636	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					8270C(W)	
34641	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					8270C(W)	
34646	p-Nitrophenol	ug/l	Total	Actual					8270C(W)	
34651	Endosulfan Sulfate	ug/l	Total	Actual					8270C(W)	
34657	Dinitro-o-cresol	ug/l	Total	Actual					8270C(W)	
34694	Phenol	ug/l	Total	Actual					8270C(W)	
34696	Naphthalene	ug/l	Total	Actual					8270C(W)	
39032	Pentachlorophenol (PCP)	ug/l	Total	Actual					8270C(W)	
39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					8270C(W)	
39110	Dibutyl phthalate	ug/l	Total	Actual					8270C(W)	
39120	Benzidine	ug/l	Total	Actual					8270C(W)	
39300	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					8270C(W)	
39310	DDD ***retired*** (use DDD,	ug/l	Total	Actual					8270C(W)	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39320	DDE ***retired*** (use DDE, p,p'-p,p')	ug/l	Total	Actual					8270C(W)	
39330	Aldrin	ug/l	Total	Actual					8270C(W)	
39337	BHC-alpha	ug/l	Total	Actual					8270C(W)	
39338	BHC-beta	ug/l	Total	Actual					8270C(W)	
39340	BHC-gamma (Lindane)	ug/l	Total	Actual					8270C(W)	
39380	Dieldrin	ug/l	Total	Actual					8270C(W)	
39390	Endrin	ug/l	Total	Actual					8270C(W)	
39410	Heptachlor	ug/l	Total	Actual					8270C(W)	
39420	Heptachlor epoxide	ug/l	Total	Actual					8270C(W)	
39700	Hexachlorobenzene	ug/l	Total	Actual					8270C(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST-SED	Pesticides & PCB's in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39491	Pcb-aroclor 1221	ug/kg	Total	Actual					8081A(SNB)	
39495	Pcb-aroclor 1232	ug/kg	Total	Actual					8081A(SNB)	
39499	Pcb-aroclor 1242	ug/kg	Total	Actual					8081A(SNB)	
39503	Pcb-aroclor 1248	ug/kg	Total	Actual					8081A(SNB)	
39507	Pcb-aroclor 1254	ug/kg	Total	Actual					8081A(SNB)	
39511	Pcb-aroclor 1260	ug/kg	Total	Actual					8081A(SNB)	
39514	Pcb-aroclor 1016	ug/kg	Total	Actual					8081A(SNB)	
49326	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					8081A(SNB)	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
49328	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					8081A(SNB)	
49330	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					8081A(SNB)	
73173	Chlordane	ug/kg	Total	Actual					8081A(SNB)	
73175	BHC-gamma (Lindane)	ug/kg	Total	Actual					8081A(SNB)	
75045	Heptachlor epoxide	ug/kg	Total	Actual					8081A(SNB)	
75047	Dieldrin	ug/kg	Total	Actual					8081A(SNB)	
75048	Endrin	ug/kg	Total	Actual					8081A(SNB)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST1	Pesticides (PEST-NP), EPA 614	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
38740	Chlorpyrifos-methyl	ug/l	Total	Actual					614	
38855	Naled	ug/l	Total	Actual					614	
38929	Fenamiphos	ug/l	Total	Actual					614	
38932	Chloropyrifos	ug/l	Total	Actual					614	
39033	Atrazine	ug/l	Total	Actual					614	
39055	Simazine	ug/l	Total	Actual					614	
39057	Prometryn	ug/l	Total	Actual					614	
39356	Metolachlor	ug/l	Total	Actual					614	
39398	Ethion	ug/l	Total	Actual					614	
39530	Malathion	ug/l	Total	Actual					614	
39570	Diazinon	ug/l	Total	Actual					614	
39580	Azinphos-methyl	ug/l	Total	Actual					614	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39600	Methyl parathion	ug/l	Total	Actual					614	
39610	Phosdrin	ug/l	Total	Actual					614	
4254	Metalaxyl	ug/l	Total	Actual					614	
46313	Phorate	ug/l	Total	Actual					614	
46315	Parathion	ug/l	Total	Actual					614	
77825	Alachlor	ug/l	Total	Actual					614	
81294	Fonofos	ug/l	Total	Actual					614	
81408	Metribuzin	ug/l	Total	Actual					614	
81410	Butylate	ug/l	Total	Actual					614	
81758	Ethoprop	ug/l	Total	Actual					614	
82184	Ametryne	ug/l	Total	Actual					614	
82198	Bromacil	ug/l	Total	Actual					614	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST2	Pesticides (PEST-CL), EPA 608	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34259	BHC-delta	ug/l	Total	Actual					608	
34351	Endosulfan Sulfate	ug/l	Total	Actual					608	
34356	Endosulfan, beta-	ug/l	Total	Actual					608	
34361	Endosulfan, alpha-	ug/l	Total	Actual					608	
34366	Endrin Aldehyde	ug/l	Total	Actual					608	
39300	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					608	
39310	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					608	

Characteristic Group Details

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21FLWQA

Florida Department of Environmental Protection

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39320	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					608	
39330	Aldrin	ug/l	Total	Actual					608	
39337	BHC-alpha	ug/l	Total	Actual					608	
39338	BHC-beta	ug/l	Total	Actual					608	
39340	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
39350	Chlordane	ug/l	Total	Actual					608	
39380	Dieldrin	ug/l	Total	Actual					608	
39390	Endrin	ug/l	Total	Actual					608	
39400	Toxaphene	ug/l	Total	Actual					608	
39410	Heptachlor	ug/l	Total	Actual					608	
39420	Heptachlor epoxide	ug/l	Total	Actual					608	
39480	Methoxychlor	ug/l	Total	Actual					608	

Characteristic Group Details

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21GACRD

Georgia Coastal Resources Division

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TESTID	test	Field Msr/Obs	Water				N

Characteristic Group Details

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21GAEPD

Georgia Environmental Protection Division

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GA001	Std Trend Monitoring Nutrients	Sample	Water				N

Description Standard group of Nutrient analysis run on most every Trend Monitoring Sample

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
GA003	Phosphorus as P	mg/l	Total	Actual							
	Acceptable Range	0.02000 - 25.00000 mg/l									
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N										
	Nitrogen, ammonia (NH3) as NH3										

Characteristic Group Details

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21GUAM

Guam Environmental Protection Agency

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
GUAM-001	Guam EPA Legacy STORET	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Temperature, water	deg C		Actual						
11	Temperature, water	deg F		Actual					GUAM01	
14	Temperature, wet bulb	deg C		Actual					GUAM01	
20	Temperature, air	deg C		Actual					GUAM01	
300	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					GUAM01	
301	Dissolved oxygen saturation	%	Dissolved	Actual					GUAM01	
31613	Fecal Coliform	MPN	Total	Actual			24 Hours	45 Deg C	GUAM01	
31616	Fecal Coliform	CFU	Total	Actual					GUAM01	
32	Cloud cover	%		Actual					GUAM01	
340	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					GUAM01	
36	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual					GUAM01	
37	Wind force, Beaufort scale	None		Actual					GUAM01	
400	pH	None	Total	Actual					GUAM01	
403	pH	None	Total	Actual					GUAM01	
43	Cloud type (choice list)								GUAM01	
480	Salinity	ppt	Total	Actual					GUAM01	
530	Solids, Fixed	mg/l	Non-filterable	Actual					GUAM01	
615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					GUAM01	
630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					GUAM01	
655	Phosphorus, polyphosphate as PO4	mg/l	Total	Actual					GUAM01	
665	Phosphorus as P	mg/l	Total	Actual					GUAM01	
70	Turbidity	JTU	Total	Actual					GUAM01	

Characteristic Group Details

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21GUAM

Guam Environmental Protection Agency

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
70225	Current speed	m/sec		Actual					GUAM01	
70226	Current direction	Deg		Actual					GUAM01	
70299	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					GUAM01	
70507	Phosphorus, orthophosphate as P	mg/l	Total	Actual					GUAM01	
71850	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					GUAM01	
76	Turbidity	FTU		Actual					GUAM01	
78	Depth, Secchi Disk Depth	m		Actual					GUAM01	
82245	Depth, Secchi Disk Depth	m		Estimated					GUAM01	
83502	Distance from/to	yd		Actual					GUAM01	
83503	Distance from/to	m		Actual					GUAM01	

Characteristic Group Details

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21HI

Hawaii Dept. of Health

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTI01	Enterococcus	Sample	Water				N

Citations EPA, 1997, Membrane filter test method for Enterococci in water, EPA, Standalone document

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENTERO1	Enterococcus Group Bacteria	#/100ml	Total	Actual					BACTI SAMP 01	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTI02	Clostridium perfringens	Sample	Water				N

Citations J.W. Bisson and V.J. Cabelli, 1979, Membrane filter enumeration method for Clostridium perfringens, Applied Environmental Microbiology, 37 no.1 p55-66

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CLOSTR	Clostridium perfringens	#/100ml	Total	Actual					BACTI SAMP 02	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTI03	Fecal Coliform	Sample	Water				N

Citations Standard Methods, 1998, Fecal Coliform membrane filter procedure, The American Public Health Association and The American Water Works Association and The Water Environment Association, 20th Ed. p9-63

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FECAL1	Fecal Coliform	#/100ml	Total	Actual					BACTI SAMP 03	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHEMICAL	Chemistry Data	Sample	Water				N

Characteristic Group Details

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21HI Hawaii Dept. of Health

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					CHEM SAMP 04	
CHLOROPH	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					CHEM SAMP 04	
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					CHEM SAMP 01	
NO3NO2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					CHEM SAMP 04	
PHOS	Phosphorus	mg/l	Total	Actual					CHEM SAMP 04	
SALINITY	Salinity	ppt	Total	Actual					CHEM SAMP 01	
TEMP	Temperature, water	deg C		Actual					CHEM SAMP 01	
TOTAL N	Nitrogen, organic	mg/l	Total	Actual					CHEM SAMP 04	
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					CHEM SAMP 04	
TURBIDIT	Turbidity	NTU		Actual					CHEM SAMP 02	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HISTORIC	Historic Hawaii DOH Data	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Clostridium perfringens	cfu/100ml	Total	Actual					BACTI SAMP 02	
2	Temperature, water	deg C		Actual					CHEM SAMP 01	

Characteristic Group Details

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21HI

Hawaii Dept. of Health

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
3	Salinity	mg/l	Total	Actual					CHEM SAMP 01	
4	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					CHEM SAMP 01	
5	Turbidity	mg/l		Actual					CHEM SAMP 02	

Characteristic Group Details

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21IOWA

Iowa Dept. of Natural Resources

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD1	Ambient Field Parameters	Field Msr/Obs	Water				N

Description These are the standard field parameters collected by the University Hygienic Laboratory as part of the ambient monitoring program.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
014	Chlorine	mg/l	Total	Actual					4500-CL(G)	
015	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
016	pH	None		Actual					4500-H	
017	Temperature, water	deg C		Actual						
018	Flow	cfs		Actual					USGS CA8	
281	Flow, severity (choice list)									
282	Ice cover, floating or solid - severity (choice list)									
286	Stream condition (text)									
288	Depth, Secchi Disk Depth	m		Actual						
294	Water level in well, measured from MSL	ft		Calculated						
299	Depth, bottom	m		Actual						
300	Specific conductance	uS/cm		Actual						
301	Turbidity	NTU		Actual					180.1	
302	Water level in well, depth from a reference point	ft		Actual						
447	Solids, Dissolved	mg/l	Total	Calculated					HYDROLAB	
480	Transparency, tube with disk	mm		Actual						
489	Dissolved oxygen (DO)	mg/l	Total	Actual					ASTM D888-05(C)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD2	Amb. Field Measurements (air)	Field Msr/Obs	Air				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
280	Cloud cover (choice list)									
283	Temperature, air	deg F		Estimated						
284	Wind velocity	mph		Estimated						
285	Wind direction (direction from, expressed 0-360 deg)	Deg		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL10	Radionuclides	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
394	Radium-226/228	pCi/L	Total	Calculated					903	
395	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					900	
396	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual					900	
397	Radium-226	pCi/L	Total	Actual					903	
398	Radium-228	pCi/L	Total	Actual						
460	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					00-02	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL11	Pharmaceuticals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
438	Lincomycin	ug/l	Total	Actual					PHARMA LC-1	
439	Sulfathiazole	ug/l	Total	Actual					PHARMA LC-1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
440	Trimethoprim	ug/l	Total	Actual					PHARMA LC-1	
441	Tylosin	ug/l	Total	Actual					PHARMA LC-1	
442	Sulfamethoxazole	ug/l	Total	Actual					PHARMA LC-1	
445	Acetaminophen	ug/l	Total	Actual					PHARMA LC-1	
475	Carbamazepine	ug/l	Total	Actual					PHARMA LC-1	
476	Ibuprofen	ug/l	Total	Actual					PHARMA LC-1	
477	Sulfadimethoxine	ug/l	Total	Actual					PHARMA LC-1	
478	Sulfamethazine	ug/l	Total	Actual					PHARMA LC-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL12	Pesticides in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
S001	Aldrin	mg/kg	Total	Actual					EPA 8081A	3550-B
S002	Pcb-aroclor 1016	mg/kg	Total	Actual					8082(S)	3550-B
S003	Pcb-aroclor 1221	mg/kg	Total	Actual					8082(S)	3550-B
S004	Pcb-aroclor 1232	mg/kg	Total	Actual					8082(S)	3550-B
S005	Pcb-aroclor 1242	mg/kg	Total	Actual					8082(S)	3550-B
S006	Pcb-aroclor 1248	mg/kg	Total	Actual					8082(S)	3550-B
S007	Pcb-aroclor 1254	mg/kg	Total	Actual					8082(S)	3550-B
S008	Pcb-aroclor 1260	mg/kg	Total	Actual					8082(S)	3550-B
S009	Chlordane	mg/kg	Total	Actual					EPA 8081A	3550-B
S010	DDD, p,p'-	mg/kg	Total	Actual					EPA 8081A	3550-B
S011	DDE, p,p'-	mg/kg	Total	Actual					EPA 8081A	3550-B
S012	DDT, p,p'-	mg/kg	Total	Actual					EPA 8081A	3550-B
S013	Dieldrin	mg/kg	Total	Actual					EPA 8081A	3550-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
S014	Endosulfan, alpha-	mg/kg	Total	Actual					EPA 8081A	3550-B
S015	Endosulfan, beta-	mg/kg	Total	Actual					EPA 8081A	3550-B
S016	Endosulfan Sulfate	mg/kg	Total	Actual					EPA 8081A	3550-B
S017	Endrin	mg/kg	Total	Actual					EPA 8081A	3550-B
S018	Endrin Aldehyde	mg/kg	Total	Actual					EPA 8081A	3550-B
S019	Endrin ketone	mg/kg	Total	Actual					EPA 8081A	3550-B
S020	Heptachlor	mg/kg	Total	Actual					EPA 8081A	3550-B
S021	Heptachlor epoxide	mg/kg	Total	Actual					EPA 8081A	3550-B
S022	BHC-gamma (Lindane)	mg/kg	Total	Actual					EPA 8081A	3550-B
S023	Methoxychlor	mg/kg	Total	Actual					EPA 8081A	3550-B
S024	Toxaphene	mg/kg	Total	Actual					EPA 8081A	3550-B
S025	BHC-alpha	mg/kg	Total	Actual					EPA 8081A	3550-B
S026	BHC-beta	mg/kg	Total	Actual					EPA 8081A	3550-B
S027	BHC-delta	mg/kg	Total	Actual					EPA 8081A	3550-B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL13	Metals in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
S028	Antimony	mg/kg	Total	Actual					6020	
S029	Arsenic	mg/kg	Total	Actual					6020	
S030	Beryllium	mg/kg	Total	Actual					6020	
S031	Cadmium	mg/kg	Total	Actual					6020	
S032	Chromium	mg/kg	Total	Actual					6020	
S033	Copper	mg/kg	Total	Actual					6020	
S034	Lead	mg/kg	Total	Actual					6020	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
S035	Mercury	mg/kg	Total	Actual					7471A	
S036	Mercury	mg/kg	Total	Actual					EPA 7471A-UHL	
S037	Nickel	mg/kg	Total	Actual					6020	
S038	Selenium	mg/kg	Total	Actual					6020	
S039	Silver	mg/kg	Total	Actual					6020	
S040	Thallium	mg/kg	Total	Actual					6020	
S041	Zinc	mg/kg	Total	Actual					6020	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL14	Nutrients in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
S042	Nitrogen, Kjeldahl	mg/kg	Total	Actual					351.2	
S043	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg	Total	Actual					353.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL15	Chlorophyll in Sediment	Sample	Sediment				N

Description The standard chlorophyll analyses performed by University Hygienic Laboratory

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
S044	Chlorophyll a, free of pheophytin	mg/m2	Total	Actual					445	
S045	Chlorophyll a, uncorrected for pheophytin	mg/m2	Total	Actual					10200-H	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
S046	Chlorophyll-b	mg/m2	Total	Actual					10200-H	
S047	Chlorophyll-c	mg/m2	Total	Actual					10200-H	
S048	Chlorophyll a, uncorrected for pheophytin	mg/m2	Total	Actual					10200-H	
S049	Pheophytin-a	mg/m2	Total	Actual					10200-H	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL2	Pesticides	Sample	Water				N

Description These are the common pesticides analyzed by the University Hygienic Laboratory.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Atrazine	ug/l	Total	Actual					507	3510-B
002	Cyanazine	ug/l	Total	Actual					507	3510-B
003	Metolachlor	ug/l	Total	Actual					507	3510-B
004	Alachlor	ug/l	Total	Actual					507	3510-B
005	Metribuzin	ug/l	Total	Actual					507	3510-B
006	Butylate	ug/l	Total	Actual					507	3510-B
007	Trifluralin	ug/l	Total	Actual					507	3510-B
008	Acetochlor	ug/l	Total	Actual					507	3510-B
009	Desethyl atrazine	ug/l	Total	Actual					507	3510-B
010	Desisopropyl atrazine	ug/l	Total	Actual					507	3510-B
011	Simazine	ug/l	Total	Actual					507	3510-B
055	Ametryne	ug/l	Total	Actual					507	3510-B
056	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Total	Actual					507	3510-B
057	Prometone	ug/l	Total	Actual					507	3510-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
058	Propachlor	ug/l	Total	Actual					507	3510-B
059	Propazine	ug/l	Total	Actual					507	3510-B
060	Dimethenamid	ug/l	Total	Actual					507	3510-B
061	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					515.1	8150-P
062	Aldrin	ug/l	Total	Actual					508	3510-B
063	BHC-alpha	ug/l	Total	Actual					508	3510-B
064	BHC-beta	ug/l	Total	Actual					508	3510-B
065	BHC-delta	ug/l	Total	Actual					508	3510-B
066	Carbofuran	ug/l	Total	Actual					507	3510-B
067	Chlordane	ug/l	Total	Actual					508	3510-B
068	Chlorpyrifos-methyl	ug/l	Total	Actual					507	3510-B
069	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					508	3510-B
070	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					508	3510-B
071	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					508	3510-B
072	Diazinon	ug/l	Total	Actual					507	3510-B
073	Dicamba	ug/l	Total	Actual					515.1	8150-P
074	Dieldrin	ug/l	Total	Actual					508	3510-B
075	Endosulfan, alpha-	ug/l	Total	Actual					508	3510-B
076	Endosulfan, beta-	ug/l	Total	Actual					508	3510-B
077	Endosulfan Sulfate	ug/l	Total	Actual					508	3510-B
078	Endrin	ug/l	Total	Actual					508	3510-B
079	Endrin Aldehyde	ug/l	Total	Actual					508	3510-B
080	Endrin ketone	ug/l	Total	Actual					508	3510-B
081	Ethoprop	ug/l	Total	Actual					507	3510-B

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
082	Fonofos	ug/l	Total	Actual					507	3510-B
083	Heptachlor	ug/l	Total	Actual					508	3510-B
084	Heptachlor epoxide	ug/l	Total	Actual					508	3510-B
085	BHC-gamma (Lindane)	ug/l	Total	Actual					508	3510-B
086	Malathion	ug/l	Total	Actual					507	3510-B
087	Methoxychlor	ug/l	Total	Actual					508	3510-B
088	Phorate	ug/l	Total	Actual					507	3510-B
089	Picloram	ug/l	Total	Actual					515.1	3510-B
090	Silvex	ug/l	Total	Actual					515.1	8150-P
091	Terbufos	ug/l	Total	Actual					507	3510-B
092	Toxaphene	ug/l	Total	Actual					508	3510-B
093	Bentazone	ug/l	Total	Actual					515.1	8150-P
094	Bromacil	ug/l	Total	Actual					507	3510-B
095	Butachlor	ug/l	Total	Actual					507	3510-B
096	Sevin	ug/l	Total	Actual					507	3510-B
097	Dimethazone	ug/l	Total	Actual					507	
098	Pendimethalin	ug/l	Total	Actual					507	3510-B
099	Triallate	ug/l	Total	Actual					507	3510-B
250	Chloramben	ug/l	Total	Actual					515.1	8150-P
251	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					515.1	8150-P
252	2,4-DB, Dichlorophenoxybutyric acid	ug/l	Total	Actual					515.1	8150-P
253	Acifluorfen	ug/l	Total	Actual					515.1	8150-P
254	Bromoxynil	ug/l	Total	Actual					515.1	8150-P
255	Dacthal	ug/l	Total	Actual					515.1	8150-P
256	Dichloropropionic acid, 2,2- ***retired*** (use Dalapon)	ug/l	Total	Actual					515.1	8150-P

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
257	Dichlorprop	ug/l	Total	Actual					515.1	8150-P
258	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					515.1	8150-P
259	MCCPP, Mecoprop	ug/l	Total	Actual					515.1	
260	MCPA, Methyl chlorophenoxy acetic acid	ug/l	Total	Actual					515.1	8150-P
261	Triclopyr	ug/l	Total	Actual					515.1	8150-P
262	Glyphosate (Roundup)	ug/l	Total	Actual					547	
263	AMPA	ug/l	Total	Actual					547	
264	Dichlorovos (DDVP)	ug/l	Total	Actual					507	3510-B
265	Disulfoton	ug/l	Total	Actual					507	3510-B
266	Isofenphos	ug/l	Total	Actual					507	3510-B
267	Methyl parathion	ug/l	Total	Actual					507	3510-B
268	Parathion	ug/l	Total	Actual					507	3510-B
269	Dimethoate	ug/l	Total	Actual					507	
270	Atrazine	ug/l	Total	Actual					UHLIMA	
413	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					EPA 515.3	
414	Dicamba	ug/l	Total	Actual					EPA 515.3	
415	Picloram	ug/l	Total	Actual					EPA 515.3	
416	Silvex	ug/l	Total	Actual					EPA 515.3	
417	Bentazone	ug/l	Total	Actual					EPA 515.3	
419	Triclopyr	ug/l	Total	Actual					EPA 515.3	
420	Chloramben	ug/l	Total	Actual					EPA 515.3	
421	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					EPA 515.3	
422	2,4-DB, Dichlorophenoxybutyric acid	ug/l	Total	Actual					EPA 515.3	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
423	Acifluorfen	ug/l	Total	Actual					EPA 515.3	
424	Bromoxynil	ug/l	Total	Actual					EPA 515.3	
425	Dacthal	ug/l	Total	Actual					EPA 515.3	
426	Dichlorprop	ug/l	Total	Actual					EPA 515.3	
427	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					EPA 515.3	
436	Thifensulfuron methyl	ug/l	Total	Actual					SU-IMI/LCMS	
437	Nicosulfuron	ug/l	Total	Actual					SU-IMI/LCMS	
443	Chlorosulfuron	ug/l	Total	Actual					SU-IMI/LCMS	
444	Chlorimuron-ethyl	ug/l	Total	Actual					SU-IMI/LCMS	
462	Flumetsulam	ug/l	Total	Actual					SU-IMI/LCMS	
463	Halosulfuron-methyl	ug/l	Total	Actual					SU-IMI/LCMS	
464	Imazapic	ug/l	Total	Actual					SU-IMI/LCMS	
465	Imazamox	ug/l	Total	Actual					SU-IMI/LCMS	
466	Imazapyr acid	ug/l	Total	Actual					SU-IMI/LCMS	
467	Imazaquin acid	ug/l	Total	Actual					SU-IMI/LCMS	
468	Imazethapyr	ug/l	Total	Actual					SU-IMI/LCMS	
469	Metsulfuron Me	ug/l	Total	Actual					SU-IMI/LCMS	
470	Primisulfuron-methyl	ug/l	Total	Actual					SU-IMI/LCMS	
471	Prosulfuron	ug/l	Total	Actual					SU-IMI/LCMS	
472	Rimsulfuron	ug/l	Total	Actual					SU-IMI/LCMS	
473	Sulfometuron-Methyl	ug/l	Total	Actual					SU-IMI/LCMS	
474	Triasulfuron	ug/l	Total	Actual					SU-IMI/LCMS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL3	Nutrients	Sample	Water				N

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Description Parameters analyzed as part of the University Hygienic Laboratory standard nutrient scan.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
019	BOD, carbonaceous	mg/l	Total	Actual			5 Day		5210-B	
020	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
021	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
022	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
023	Phosphorus, orthophosphate as P	mg/l	Filterable	Actual					365.1	
024	Phosphorus as P	mg/l	Total	Actual					365.4	
273	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
274	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					300(A)	
275	Nitrogen, organic	mg/l	Total	Calculated						
276	Phosphorus, orthophosphate as P	mg/l	Total	Actual					300(A)	
277	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
287	BOD, carbonaceous	mg/l	Total	Actual			20 Day		5210-B	
290	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
291	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.2	
292	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Calculated					353.2	
392	Phosphorus, orthophosphate as P	mg/l	Total	Actual					4500-P-E	
393	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
429	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.2	
479	BOD, Biochemical oxygen demand	mg/l	Total	Actual					405.1	
481	Carbon, inorganic	mg/l	Dissolved	Actual					415.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
482	Carbon, organic	mg/l	Dissolved	Actual					415.1	
484	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
485	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					APHA 8010F	
486	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.2	
526	Carbon, inorganic	mg/l	Dissolved	Actual					5310-B	
527	Carbon, organic	mg/l	Dissolved	Actual					5310-B	
528	Nitrogen, ammonia as N	mg/l	Total	Actual					LAC10-107-06-1J	
529	Nitrogen, Kjeldahl	mg/l	Total	Actual					LAC10-107-06-2E	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL4	Inorganic Chemistry	Sample	Water				N

Description The standard inorganic chemistry parameters analyzed by University Hygienic Laboratory as part of the ambient monitoring program

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
012	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
013	Chloride	mg/l	Total	Actual					300(A)	
025	Specific conductance	umho/cm		Actual					2510	
026	Hardness, carbonate	mg/l	Total	Actual					2340	
027	Silica	mg/l	Total	Actual					370.1	
028	Solids, Dissolved	mg/l		Actual					160.1	
029	Solids, Total Suspended (TSS)	mg/l		Actual					13765	
030	Turbidity	NTU		Actual					180.1	
271	Fluorides	mg/l	Total	Actual					300(A)	
272	Bromide	mg/l	Total	Actual					300(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
278	Solids, Total Suspended (TSS)	mg/l	Volatile	Actual					160.1	
279	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
304	Solids, Fixed Suspended	mg/l	Total	Calculated					160.4	
368	Fluorides	mg/l	Total	Actual					340.2	
379	Silica	mg/l	Total	Actual					4500-SI(D)	
428	Hardness, carbonate	mg/l	Total	Actual					130.2	
430	pH	None	Total	Actual					4500-H	
431	Perchlorate	ug/l	Total	Actual					314	
459	pH	None	Total	Actual					150.1	
487	Solids, Dissolved	mg/l	Total	Actual					2540-C	
488	Turbidity	NTU		Actual					2130-B	
491	Fluorides	mg/l	Total	Actual					TIM 380-75WE	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL5	Bacteria	Sample	Water				N

Description The standard bacteria analyses performed by University Hygienic Laboratory.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
031	Fecal Coliform	#/100ml		Actual					9222-D	
032	Escherichia coli	#/100ml		Actual					APHA 9222 G	
033	Enterococcus Group Bacteria	#/100ml		Actual						
293	Total Coliform	MPN	Total	Estimated					9221-B	
295	Fecal Coliform	MPN	Total	Estimated					9221-E	
391	Escherichia coli	cfu/100ml	Total	Actual					1603	
433	Escherichia coli	cfu/100ml	Total	Actual					9213-D	
483	Escherichia coli	MPN/100ml	Total	Actual					9221-F	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
524	Escherichia coli	MPN/100ml	Total	Actual					APHA 9223 B	
525	Enterococcus Group Bacteria	MPN/100ml	Total	Actual					ASTM D6503-99	
P031	Fecal Coliform	#/100ml		Actual					9222-D	
P032	Escherichia coli	#/100ml		Actual						
P033	Enterococcus Group Bacteria	#/100ml		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL6	Chlorophyll	Sample	Water				N

Description The standard chlorophyll analyses performed by University Hygienic Laboratory

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
034	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	
035	Chlorophyll-b	ug/l	Total	Actual					10200-H	
036	Chlorophyll-c	ug/l	Total	Actual					10200-H	
037	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
038	Pheophytin-a	ug/l	Total	Actual					10200-H	
303	Chlorophyll a, free of pheophytin	ug/l	Total	Actual					445	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL7	Metals	Sample	Water				N

Description This is the standard metal analyses performed by University Hygienic Laboratory.

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
040	Cyanide	mg/l	Total	Actual					335.2	
041	Cadmium	mg/l	Total	Actual					3113-B	
042	Chromium	mg/l	Total	Actual					200.7(W)	
043	Copper	mg/l	Total	Actual					200.7(W)	
044	Lead	mg/l	Total	Actual					3113-B	
045	Mercury	mg/l	Total	Actual					245.1	
046	Antimony	mg/l	Total	Actual					3113-B	
047	Arsenic	mg/l	Total	Actual					3113-B	
048	Beryllium	mg/l	Total	Actual					200.7(W)	
049	Nickel	mg/l	Total	Actual					200.7(W)	
050	Selenium	mg/l	Total	Actual					3113-B	
051	Silver	mg/l	Total	Actual					3113-B	
052	Thallium	mg/l	Total	Actual					279.2	
053	Zinc	mg/l	Total	Actual					200.7(W)	
344	Aluminum	mg/l	Dissolved	Actual					200.7(W)	
345	Antimony	mg/l	Total	Actual					200.8(W)	
346	Arsenic	mg/l	Dissolved	Actual					200.8(W)	
347	Barium	mg/l	Dissolved	Actual					200.7(W)	
348	Beryllium	mg/l	Dissolved	Actual					200.8(W)	
349	Boron	mg/l	Dissolved	Actual					200.7(W)	
350	Cadmium	mg/l	Dissolved	Actual					200.8(W)	
351	Calcium	mg/l	Dissolved	Actual					200.7(W)	
352	Chromium	mg/l	Dissolved	Actual					200.7(W)	
353	Copper	mg/l	Dissolved	Actual					200.7(W)	
354	Iron	mg/l	Dissolved	Actual					200.7(W)	
355	Lead	mg/l	Dissolved	Actual					200.8(W)	
356	Magnesium	mg/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
357	Manganese	mg/l	Dissolved	Actual					200.7(W)	
358	Mercury	mg/l	Dissolved	Actual					245.2	
359	Nickel	mg/l	Dissolved	Actual					200.7(W)	
360	Potassium	mg/l	Dissolved	Actual						
361	Selenium	mg/l	Dissolved	Actual					200.8(W)	
362	Silver	mg/l	Dissolved	Actual					200.9	
363	Sodium	mg/l	Dissolved	Actual					200.7(W)	
364	Strontium	mg/l	Dissolved	Actual					200.8(W)	
365	Thallium	mg/l	Dissolved	Actual					200.8(W)	
366	Zinc	mg/l	Dissolved	Actual					200.7(W)	
399	Cyanide	mg/l	Total	Actual					4500-CN(E)	
400	Cadmium	mg/l	Total	Actual					200.8(W)	
401	Chromium	mg/l	Total	Actual					200.8(W)	
402	Copper	mg/l	Total	Actual					200.8(W)	
403	Lead	mg/l	Total	Actual					200.8(W)	
404	Mercury	mg/l	Total	Actual					245.2	
405	Antimony	mg/l	Total	Actual					200.8(W)	
406	Arsenic	mg/l	Total	Actual					200.8(W)	
407	Beryllium	mg/l	Total	Actual					200.8(W)	
408	Nickel	mg/l	Total	Actual					200.8(W)	
409	Selenium	mg/l	Total	Actual					200.8(W)	
410	Silver	mg/l	Total	Actual					200.8(W)	
411	Thallium	mg/l	Total	Actual					200.8(W)	
412	Zinc	mg/l	Total	Actual					200.8(W)	
448	Aluminum	mg/l	Dissolved	Actual					200.8(W)	
449	Barium	mg/l	Dissolved	Actual					200.8(W)	
450	Chromium	mg/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
451	Copper	mg/l	Dissolved	Actual					200.8(W)	
452	Manganese	mg/l	Dissolved	Actual					200.8(W)	
453	Mercury	mg/l	Dissolved	Actual					200.8(W)	
454	Mercury	mg/l	Dissolved	Actual					245.1	
455	Nickel	mg/l	Dissolved	Actual					200.8(W)	
456	Silver	mg/l	Dissolved	Actual					3113-B	
457	Strontium	mg/l	Dissolved	Actual					200.7(W)	
458	Zinc	mg/l	Dissolved	Actual					200.8(W)	
490	Silver	mg/l	Dissolved	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL8	SemiVolatiles	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
100	1,2,4-Trichlorobenzene	ug/l	Total	Actual					UHL8270	
101	1,2-Dichlorobenzene	ug/l	Total	Actual					UHL8270	
102	1,3-Dichlorobenzene	ug/l	Total	Actual					UHL8270	
103	1,4-Dichlorobenzene	ug/l	Total	Actual					UHL8270	
104	Bis(2-chloroisopropyl) ether	ug/l	Total	Actual					UHL8270	
105	Trichlorophenol, 2,4,5-	ug/l	Total	Actual					UHL8270	
106	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					UHL8270	
107	2,4-Dichlorophenol	ug/l	Total	Actual					UHL8270	
108	2,4-Dimethylphenol	ug/l	Total	Actual					UHL8270	
109	Dinitrophenol, 2,4-	ug/l	Total	Actual					UHL8270	
110	2,4-Dinitrotoluene	ug/l	Total	Actual					UHL8270	
111	2,6-Dinitrotoluene	ug/l	Total	Actual					UHL8270	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
112	Chloronaphthalene-2	ug/l	Total	Actual					UHL8270	
113	Chlorophenol-2	ug/l	Total	Actual					UHL8270	
114	Methylnaphthalene, 2-	ug/l	Total	Actual					UHL8270	
115	Cresol, o-	ug/l	Total	Actual					UHL8270	
116	Nitroaniline, 2-	ug/l	Total	Actual					UHL8270	
117	Nitrophenol, 2-	ug/l	Total	Actual					UHL8270	
118	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					UHL8270	
119	m-Nitroaniline	ug/l	Total	Actual					UHL8270	
120	Dinitro-o-cresol	ug/l	Total	Actual					UHL8270	
121	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					UHL8270	
122	4-Chloro-3-methylphenol	ug/l	Total	Actual					UHL8270	
123	Chloroaniline, 4-	ug/l	Total	Actual					UHL8270	
124	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					UHL8270	
125	Cresol, p-	ug/l	Total	Actual					UHL8270	
126	p-Nitroaniline	ug/l	Total	Actual					UHL8270	
127	p-Nitrophenol	ug/l	Total	Actual					UHL8270	
128	Acenaphthene	ug/l	Total	Actual					UHL8270	
129	Acenaphthylene	ug/l	Total	Actual					UHL8270	
130	Anthracene	ug/l	Total	Actual					UHL8270	
131	Benzo[a]anthracene	ug/l	Total	Actual					UHL8270	
132	Benzo[a]pyrene	ug/l	Total	Actual					UHL8270	
133	Benzo[b]fluoranthene	ug/l	Total	Actual					UHL8270	
134	Benzo[g,h,i]perylene	ug/l	Total	Actual					UHL8270	
135	Benzo[k]fluoranthene	ug/l	Total	Actual					UHL8270	
136	bis(2-chloroethoxy) methane	ug/l	Total	Actual					UHL8270	
137	bis(2-chloroethyl) ether	ug/l	Total	Actual					UHL8270	
138	bis(2-ethylhexyl) phthalate	ug/l	Total	Actual					UHL8270	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(DEHP)									
139	Butyl benzyl phthalate	ug/l	Total	Actual					UHL8270	
140	Carbazole	ug/l	Total	Actual					UHL8270	
141	Chrysenes C1-C4	ug/l	Total	Actual					UHL8270	
142	Dibenzo[a,h]anthracene	ug/l	Total	Actual					UHL8270	
143	Dibenzofuran	ug/l	Total	Actual					UHL8270	
144	Diethyl phthalate	ug/l	Total	Actual					UHL8270	
145	Dibutyl phthalate	ug/l	Total	Actual					UHL8270	
146	Dimethyl phthalate	ug/l	Total	Actual					UHL8270	
147	bis(n-octyl) Phthalate	ug/l	Total	Actual					UHL8270	
149	Fluoranthenes, C1-C4	ug/l	Total	Actual					UHL8270	
150	Fluorenes, C1-C3	ug/l	Total	Actual					UHL8270	
151	Hexachlorobenzene	ug/l	Total	Actual					UHL8270	
152	Hexachlorobutadiene	ug/l	Total	Actual					UHL8270	
153	Hexachlorocyclopentadiene	ug/l	Total	Actual					UHL8270	
154	Hexachloroethane	ug/l	Total	Actual					UHL8270	
155	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					UHL8270	
156	Isophorone	ug/l	Total	Actual					UHL8270	
157	Naphthalene	ug/l	Total	Actual					UHL8270	
158	nitro-Benzene	ug/l	Total	Actual					UHL8270	
159	n-Nitrosodipropylamine	ug/l	Total	Actual					UHL8270	
160	n-Nitrosodiphenylamine	ug/l	Total	Actual					UHL8270	
161	Pentachlorophenol (PCP)	ug/l	Total	Actual					UHL8270	
162	Phenanthrenes, C1-C4	ug/l	Total	Actual					UHL8270	
163	Phenol	ug/l	Total	Actual					UHL8270	
164	Pyrene	ug/l	Total	Actual					UHL8270	
289	Toluene	ug/l	Total	Actual					524.2	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
296	Hydrocarbons, Petroleum (Unspecified Mix)	ug/l	Total Recovrble	Actual					UHL OA-2	
297	Benzidine	ug/l	Total	Actual					625	
298	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					524.2	
305	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					524.2	
306	Trichloroethane, 1,1,1-	ug/l	Total	Actual					524.2	
307	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					524.2	
308	Trichloroethane, 1,1,2-	ug/l	Total	Actual					524.2	
309	Dichloroethane, 1,1-	ug/l	Total	Actual					524.2	
310	Dichloropropene, 1,1-	ug/l	Total	Actual					524.2	
311	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					524.2	
312	Trichloropropane, 1,2,3-	ug/l	Total	Actual					524.2	
313	1,2,4-Trichlorobenzene	ug/l	Total	Actual					524.2	
314	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					524.2	
315	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					524.2	
316	Ethylene dibromide (EDB)	ug/l	Total	Actual					524.2	
317	1,2-Dichlorobenzene	ug/l	Total	Actual					524.2	
318	Dichloroethane, 1,2-	ug/l	Total	Actual					524.2	
319	Dichloropropane, 1,2-	ug/l	Total	Actual					524.2	
320	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					524.2	
321	1,3-Dichlorobenzene	ug/l	Total	Actual					524.2	
322	Dichloropropane, 1,3-	ug/l	Total	Actual					524.2	
323	1,4-Dichlorobenzene	ug/l	Total	Actual					524.2	
324	Dichloropropane, 2,2-	ug/l	Total	Actual					524.2	
325	Chlorotoluene, 2-	ug/l	Total	Actual					524.2	
326	Chlorotoluene, 4-	ug/l	Total	Actual					524.2	
327	Benzene	ug/l	Total	Actual					524.2	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
328	Monobromobenzene	ug/l	Total	Actual					524.2	
329	Chlorobromomethane	ug/l	Total	Actual					524.2	
330	Dichlorobromomethane	ug/l	Total	Actual					524.2	
331	Bromoform	ug/l	Total	Actual					524.2	
332	Methyl bromide	ug/l	Total	Actual					524.2	
333	Carbon tetrachloride	ug/l	Total	Actual					524.2	
334	Chlorobenzene	ug/l	Total	Actual					524.2	
335	Chloroethane	ug/l	Total	Actual					524.2	
336	Chloroform	ug/l	Total	Actual					524.2	
337	Methyl chloride	ug/l	Total	Actual					524.2	
338	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					524.2	
339	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					524.2	
340	cis-1,3-Dichloropropene	ug/l	Total	Actual					524.2	
341	Chlorodibromomethane	ug/l	Total	Actual					524.2	
342	Dibromomethane	ug/l	Total	Actual					524.2	
343	Dichlorodifluoromethane	ug/l	Total	Actual					524.2	
367	Ethylbenzene	ug/l	Total	Actual					524.2	
369	Hexachlorobutadiene	ug/l	Total	Actual					524.2	
370	Cumene	ug/l	Total	Actual					524.2	
371	1,3-Dichlorobenzene	ug/l	Total	Actual					524.2	
372	Dichloromethane	ug/l	Total	Actual					524.2	
373	Butyl benzene	ug/l	Total	Actual					524.2	
374	Propylbenzene, n-	ug/l	Total	Actual					524.2	
375	1,2-Dichlorobenzene	ug/l	Total	Actual					524.2	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
376	1,4-Dichlorobenzene	ug/l	Total	Actual					524.2	
377	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual					524.2	
378	Butylbenzene, sec-	ug/l	Total	Actual					524.2	
380	Styrene	ug/l	Total	Actual					524.2	
381	Butylbenzene, tert-	ug/l	Total	Actual					524.2	
382	Tetrachloroethylene	ug/l	Total	Actual					524.2	
383	Tetrachloroethylene	ug/l	Total	Actual					524.2	
384	Dichloropropene, 1,3-	ug/l	Total	Actual					524.2	
385	trans-1,2-Dichloroethylene	ug/l	Total	Actual					524.2	
386	trans-1,2-Dichloroethylene	ug/l	Total	Actual					524.2	
387	trans-1,3-Dichloropropene	ug/l	Total	Actual					524.2	
388	Trichloroethylene	ug/l	Total	Actual					524.2	
389	Trichlorofluoromethane	ug/l	Total	Actual					524.2	
390	Vinyl chloride	ug/l	Total	Actual					524.2	
418	Pentachlorophenol (PCP)	ug/l	Total	Actual					EPA 515.3	
432	Xylenes mix of m + o + p	ug/l	Total	Actual					524.2	
434	Ethylene glycol	mg/l	Total	Actual					GLYCOL LC/MS	
435	Propylene glycol	mg/l	Total	Actual					GLYCOL LC/MS	
446	1,1-Dichloroethylene	ug/l	Total	Actual					524.2	
461	Naphthalene	ug/l	Total	Actual					524.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UHL9	PCBs	Sample	Water				N

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
200	Pcb-aroclor 1016	ug/l	Total	Actual					8082(W)	3510-B
201	Pcb-aroclor 1221	ug/l	Total	Actual					8082(W)	3510-B
202	Pcb-aroclor 1232	ug/l	Total	Actual					8082(W)	3510-B
203	Pcb-aroclor 1242	ug/l	Total	Actual					8082(W)	3510-B
204	Pcb-aroclor 1248	ug/l	Total	Actual					8082(W)	3510-B
205	Pcb-aroclor 1254	ug/l	Total	Actual					8082(W)	3510-B
206	Pcb-aroclor 1260	ug/l	Total	Actual					8082(W)	3510-B

Characteristic Group Details

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21KAN001

Kansas Dept. of Health & Environment

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
INORG	all chemistry	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACETOCHLR	Acetochlor	ug/l	Total	Actual					608	
ALACHLOR	Alachlor	ug/l	Total	Actual					608	
ALDRIN	Aldrin	ug/l	Total	Actual					608	
ALKALINT	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
ALKALINTY	Acid Neutralizing Capacity (ANC)	mg/l CaCO3	Dissolved	Actual					310.1	
ALUMINUM	Aluminum	mg/l	Total	Actual					200.7(W)	
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
ANTIMONY	Antimony	mg/l	Total	Actual					200.7(W)	
ARSENIC	Arsenic	mg/l	Total	Actual					200.8(W)	
ATRAZIN	Atrazine	ug/l	Total	Actual					608	
A_BHC	BHC-alpha	ug/l	Total	Actual					608	
BARIUM	Barium	mg/l	Total	Actual					200.8(W)	
BERYLLIUM	Beryllium	mg/l	Total	Actual					200.7(W)	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
BORON	Boron	mg/l	Total	Actual					200.7(W)	
BROMACIL	Bromacil	ug/l	Total	Actual					608	
BROMIDE	Bromide	mg/l	Total	Actual					300(A)	
BUTACHLOR	Butachlor	ug/l	Total	Actual					608	
B_BHC	BHC-beta	ug/l	Total	Actual					608	
CADMIUM	Cadmium	mg/l	Total	Actual					200.8(W)	
CALCIUM	Calcium	mg/l	Total	Actual					200.7(W)	
CARBOFURN	Carbofuran	ug/l	Total	Actual					608	

Characteristic Group Details

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21KAN001

Kansas Dept. of Health & Environment

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORDANE	Chlordane	ug/l	Total	Actual					608	
CHLORIDE	Chloride	mg/l	Total	Actual					300(A)	
CHLOROPH	Chlorophyll a, corrected for pheophytin	ug/l		Actual					10200-H	
CHROMIUM	Chromium	mg/l	Total	Actual					200.8(W)	
COBALT	Cobalt	mg/l	Total	Actual					200.7(W)	
COPPER	Copper	mg/l	Total	Actual					200.8(W)	
CYANAZINE	Cyanazine	ug/l	Total	Actual					608	
DACTHAL	Dacthal	ug/l	Total	Actual					608	
DEEATRAZN	Desethyl atrazine	ug/l	Total	Actual					608	
DIAZINON	Diazinon	ug/l	Total	Actual					608	
DIELDRIN	Dieldrin	ug/l	Total	Actual					608	
DISATRAZN	Desisopropyl atrazine	ug/l	Total	Actual					608	
DISOXY	Dissolved oxygen (DO)	mg/l	Total	Actual					360.1	
DURSBAN	Chlorpyrifos-methyl	ug/l	Total	Actual					608	
D_BHC	BHC-delta	ug/l	Total	Actual					608	
ECOLI	Escherichia coli	#/100ml		Actual					1104	
ENDOSULF1	Endosulfan, alpha-	ug/l	Total	Actual					608	
ENDOSULF2	Endosulfan, beta-	ug/l	Total	Actual					608	
ENDOSULFS	Endosulfan Sulfate	ug/l	Total	Actual					608	
ENDRIN	Endrin	ug/l	Total	Actual					608	
FECCOLI	Fecal Coliform	#/100ml	Total	Actual					9222-D	
FECSTRP	Fecal Streptococcus Group Bacteria	#/100ml		Actual					9230-C	
FLUORIDE	Fluorides	mg/l	Total	Actual					300(A)	
HCCP	Hexachlorocyclopentadiene	ug/l	Total	Actual					608	
HEPTCHLR	Heptachlor	ug/l	Total	Actual					608	
HEPTCHLRB	Hexachlorobenzene	ug/l	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HEPTCHLRE	Heptachlor epoxide	ug/l	Total	Actual					608	
IRON	Iron	mg/l	Total	Actual					200.7(W)	
KJELDAHL	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
LEAD	Lead	mg/l	Total	Actual					200.8(W)	
LINDANE	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
MAGNESIUM	Magnesium	mg/l	Total	Actual					200.7(W)	
MANGANESE	Manganese	mg/l	Total	Actual					200.7(W)	
MERCURY	Mercury	mg/l	Total	Actual					245.1	
METOCLR	Metolachlor	ug/l	Total	Actual					608	
MOLYBDENM	Molybdenum	mg/l	Total	Actual					200.7(W)	
MTHOXYCHL	Methoxychlor	ug/l	Total	Actual					608	
MTRBUZI	Metribuzin	ug/l	Total	Actual					608	
NICKEL	Nickel	mg/l	Total	Actual					200.8(W)	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					300(A)	
NO2_NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
ORTH_PHOS	Phosphorus, orthophosphate as P	mg/l	Total	Actual					300(A)	
PCB_1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
PCB_1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
PCB_1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
PCB_1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
PCB_1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
PCB_1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
PCB_1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
PCP	Pentachlorophenol (PCP)	ug/l	Total	Actual					608	
PHFIELD	pH	None	Total	Actual					150.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 14.00000	None							
PHLAB	pH	None	Total	Actual					150.1	
	Acceptable Range	0.00000 - 14.00000	None							
PHOSPHU	Phosphorus as P	mg/l	Total	Actual					365.1	
PICLORAM	Picloram	ug/l	Total	Actual					615	
POTTASIU	Potassium	mg/l	Total	Actual					200.7(W)	
PP_DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					608	
PP_DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					608	
PP_DDT	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					608	
PROMETON	Prometone	ug/l	Total	Actual					608	
PROPACHLR	Propachlor	ug/l	Total	Actual					608	
PROPAZINE	Propazine	ug/l	Total	Actual					608	
SELENIUM	Selenium	mg/l	Total	Actual					200.8(W)	
SILICA	Silica	mg/l	Total	Actual					200.7(W)	
SILVER	Silver	mg/l	Total	Actual					200.8(W)	
SIMAZINE	Simazine	ug/l	Total	Actual					608	
SODIUM	Sodium	mg/l	Total	Actual					200.7(W)	
SPEC_COND	Specific conductance	umho/cm	Total	Actual					120.1	
STRONTIUM	Strontium	mg/l	Total	Actual					200.7(W)	
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
TDS	Solids, Dissolved	mg/l	Total	Actual					1751-8	
TEMP_CENT	Temperature, water	deg C		Actual					170.1	
THALLIUM	Thallium	mg/l	Total	Actual					200.7(W)	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TOTHARD	Hardness, Ca + Mg	mg/l	Total	Actual					2340	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TOXAPHENE	Toxaphene	ug/l	Total	Actual					608	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	
VANADIUM	Vanadium	mg/l	Total	Actual					200.7(W)	
X245T	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					615	
X245TP	2,4,5-T, Trichlorophenoxypropionic acid	ug/l	Total	Actual					615	
X24D	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					615	
ZINC	Zinc	mg/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORG HX	CHLORINATED ACID PESTICIDES	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2,4,5-T	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					615	
	Acceptable Range	0.40000 - 2,000.00000 ug/l								
2,4-D AS ACID	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					615	
	Acceptable Range	0.80000 - 2,000.00000 ug/l								
PICLORAM (TORDON)	Picloram	ug/l	Total	Actual					615	
	Acceptable Range	0.80000 - 2,000.00000 ug/l								
SILVEX AS ACID	Silvex	ug/l	Total	Actual					615	
	Acceptable Range	0.40000 - 2,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
ORG PX	PESTICIDES AND PCB'S	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACETOCHLOR	Acetochlor	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 1,000.00000 ug/l								
ALACHLOR	Alachlor	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 1,000.00000 ug/l								
ALDRIN	Aldrin	ug/l	Total	Actual					608	
	Acceptable Range	0.02500 - 2,000.00000 ug/l								
ATRAZINE	Atrazine	ug/l	Total	Actual					608	
	Acceptable Range	0.30000 - 2,000.00000 ug/l								
BHC-ALPHA	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.02500 - 2,000.00000 ug/l								
BHC-BETA	BHC-beta	ug/l	Total	Actual					608	
	Acceptable Range	0.05000 - 2,000.00000 ug/l								
BHC-DELTA	BHC-delta	ug/l	Total	Actual					608	
	Acceptable Range	0.05000 - 2,000.00000 ug/l								
BHC-GAMMA (LINDANE)	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.02500 - 2,000.00000 ug/l								
BUTACHLOR	Butachlor	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
CARBOFURAN (FURADAN)	Carbofuran	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
CHLORDANE	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.20000 - 2,000.00000 ug/l								
CYANAZINE (BLADDEX)	Cyanazine	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
DCPA (DACTHAL)	Dacthal	ug/l	Total	Actual					608	
	Acceptable Range	0.05000 - 2,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DESETHYL ATRAZINE	Desethyl atrazine	ug/l	Total	Actual					608	
DESIISOPROPYL ATRAZIN	Desisopropyl atrazine	ug/l	Total	Actual					608	
DIAZINON	Diazinon	ug/l	Total	Actual					608	
DIELDRIN	Dieldrin	ug/l	Total	Actual					608	
	Acceptable Range	0.05000 - 2,000.00000 ug/l								
DURSBAN CHLOROPYRIFO	Chloropyrifos	ug/l	Total	Actual					608	
ENDOSULFAN I	Endosulfan, alpha-	ug/l	Total	Actual					608	
	Acceptable Range	0.02000 - 2,000.00000 ug/l								
ENDOSULFAN II	Endosulfan, beta-	ug/l	Total	Actual					608	
	Acceptable Range	0.02000 - 2,000.00000 ug/l								
ENDOSULFAN SULFATE	Endosulfan Sulfate	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 2,000.00000 ug/l								
ENDRIN	Endrin	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 2,000.00000 ug/l								
HEPTACHLOR	Heptachlor	ug/l	Total	Actual					608	
	Acceptable Range	0.02000 - 2,000.00000 ug/l								
HEPTACHLOR EPOXIDE	Heptachlor epoxide	ug/l	Total	Actual					608	
	Acceptable Range	0.02000 - 2,000.00000 ug/l								
HEXACHLOROBE NZENE	Hexachlorobenzene	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 2,000.00000 ug/l								
HEXACHLOROCY CLOPENT	Hexachlorocyclopentadiene	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 2,000.00000 ug/l								
METHOXYCHLOR	Methoxychlor	ug/l	Total	Actual					608	
	Acceptable Range	0.20000 - 2,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
METOLACHLOR (DUAL)	Metolachlor	ug/l	Total	Actual					608	
	Acceptable Range	0.25000 - 2,000.00000 ug/l								
METRIBUZIN (SENCOR)	Metribuzin	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 2,000.00000 ug/l								
P,P'-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					608	
	Acceptable Range	0.04000 - 2,000.00000 ug/l								
P,P'-DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					608	
	Acceptable Range	0.02000 - 2,000.00000 ug/l								
P,P'-DDT	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					608	
	Acceptable Range	0.10000 - 2,000.00000 ug/l								
PCB- 1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
PCB- 1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	1.00000 - 2,000.00000 ug/l								
PCB- 123	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
PCB- 1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
PCB- 1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
PCB- 1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
PCB- 1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.50000 - 2,000.00000 ug/l								
PROMETONE	Prometone	ug/l	Total	Actual					608	
PROPACHLOR (RAMROD)	Propachlor	ug/l	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.25000 - 2,000.00000 ug/l								
PROPAZINE (MILOGARD)	Propazine	ug/l	Total	Actual					608	
	Acceptable Range	0.30000 - 2,000.00000 ug/l								
SIMAZINE	Simazine	ug/l	Total	Actual					608	
	Acceptable Range	0.30000 - 2,000.00000 ug/l								
TOXAPHENE	Toxaphene	ug/l	Total	Actual					608	
	Acceptable Range	2.00000 - 2,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAD	RADIOCHEMISTRY	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
GROSS ALPHA	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					900	
GROSS BETA	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual					900	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
AWMV	AWM VARIABLES	Sample	Water				N			
Citations		KENTUCKY DIVISION OF WATER, WATER QUALITY BRANCH, 2002, KENTUCKY AMBIENT/WATERSHED WATER QUALITY MONITORING STANDARD OPERATING PRODEDURE MANUAL, KENTUCKY DIVISION OF WATER, 1								
Description		Values less than the reporting limit are assigned a value half the reporting limit (following Ward and Sanders, Water Quality Design class, CSU, 1990)								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
%DO SAT	Dissolved oxygen saturation	%		Actual					% DO SATURATION	
10	Temperature, water	deg C		Actual					SM2550 B	
100-01-6	p-Nitroaniline	ug/l	Total	Actual					8270C(S)	
100-02-7	p-Nitrophenol	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000 ug/l								
100-41-4	Ethylbenzene	ug/l	Total	Actual					8260B	
100-42-5	Styrene	ug/l	Total	Actual					8260B	
100-51-6	Benzyl alcohol	ug/l	Total	Actual					8270C(S)	
100-75-4	Nitrosopiperidine, n-	ug/l	Total	Actual					8270C(S)	
1002	Arsenic	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.50000 - 1,000.00000 ug/l								
10061-01-5	cis-1,3-Dichloropropene	ug/l	Total	Actual					8260B	
10061-02-6	trans-1,3-Dichloropropene	ug/l	Total	Actual					8260B	
1007	Barium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.20000 - 1,000.00000 ug/l								
101-21-3	Chlorpropham	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
101-55-3	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					8270C(S)	
1014-70-6	Simetryn	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
1024-57-3	Heptachlor epoxide	ug/l	Total	Actual					8081A(SWB)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
1027	Cadmium	ug/l	Total Recovrble	Actual					200.8(W)	
	Acceptable Range	0.40000 - 1,000.00000 ug/l								
103-23-1	bis(2-ethylhexyl) adipate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
103-65-1	Propylbenzene, n-	ug/l	Total	Actual					8260B	
1031-07-8	Endosulfan Sulfate	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
1034	Chromium	ug/l	Total Recovrble	Actual					200.8(W)	
	Acceptable Range	0.20000 - 1,000.00000 ug/l								
104-51-8	Butyl benzene	ug/l	Total	Actual					8260B	
104098-48-8	Imazapic	ug/l	Total	Actual					555	
1042	Copper	ug/l	Total Recovrble	Actual					200.8(W)	
	Acceptable Range	0.50000 - 1,000.00000 ug/l								
1045	Iron	ug/l	Total Recovrble	Actual					200.7(W)	
	Acceptable Range	0.50000 - 10,000.00000 ug/l								
105-67-9	2,4-Dimethylphenol	ug/l	Total	Actual					8270C(S)	
1051	Lead	ug/l	Total Recovrble	Actual					200.8(W)	
	Acceptable Range	1.00000 - 1,000.00000 ug/l								
1055	Manganese	ug/l	Total Recovrble	Actual					200.8(W)	
	Acceptable Range	0.50000 - 1,000.00000 ug/l								
10595-95-6	Nitrosomethylethylamine, n-	ug/l	Total	Actual					8270C(S)	
106-43-4	Chlorotoluene, 4-	ug/l	Total	Actual					8260B	
106-46-7	1,4-Dichlorobenzene	ug/l	Total	Actual					8270C(S)	
106-47-8	Chloroaniline, 4-	ug/l	Total	Actual					8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
106-93-4	Ethylene dibromide (EDB)	ug/l	Total	Actual					8260B	
1067	Nickel	ug/l	Total	Actual					200.8(W)	
107-05-1	Allyl chloride	ug/l	Total	Actual					8260B	
107-06-2	Dichloroethane, 1,2-	ug/l	Total	Actual					8260B	
107-12-0	Propionitrile	ug/l	Total	Actual					8260B	
107-13-1	Acrylonitrile	ug/l	Total	Actual					8260B	
107-14-2	Chloroacetonitrile	ug/l	Total	Actual					8260B	
1077	Silver	ug/l	Total	Actual					200.8(W)	
108-05-4	Vinyl acetate	ug/l	Total	Actual					8260B	
108-10-1	Methyl isobutyl ketone	ug/l	Total	Actual					8260B	
108-41-8	Chlorotoluene, 3-	ug/l	Total	Actual					8260B	
108-60-1	Bis(2-chloroisopropyl) ether	ug/l	Total	Actual					8270C(S)	
108-67-8	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					8260B	
108-86-1	Monobromobenzene	ug/l	Total	Actual					8260B	
108-88-3	Toluene	ug/l	Total	Actual					8260B	
108-90-7	Chlorobenzene	ug/l	Total	Actual					8260B	
108-95-2	Phenol	ug/l	Total	Actual					8270C(S)	
109-06-8	Picoline, 2-	ug/l	Total	Actual					8270C(S)	
109-69-3	Chlorobutane, 1-	ug/l	Total	Actual					8260B	
109-99-9	Tetrahydrofuran	ug/l	Total	Actual					8260B	
1092	Zinc	ug/l	Total	Actual					200.8(W)	
			Recoverable							
	Acceptable Range	2.00000 - 1,000.00000 ug/l								
110-57-6	trans-1,4-Dichlorobutene-2	ug/l	Total	Actual					8260B	
110-86-1	Pyridine	ug/l	Total	Actual					8270C(S)	
1105	Aluminum	ug/l	Total	Actual					200.8(W)	
			Recoverable							
	Acceptable Range	3.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
11096-82-5	Pcb-aroclor 1260	ug/l	Total	Actual					8081A(SWB)	
11097-69-1	Pcb-aroclor 1254	ug/l	Total	Actual					8081A(SWB)	
111-44-4	bis(2-chloroethyl) ether	ug/l	Total	Actual					8270C(S)	
111-91-1	bis(2-chloroethoxy) methane	ug/l	Total	Actual					8270C(S)	
11100-14-4	Pcb-aroclor 1268	ug/l	Total	Actual					8081A(SWB)	
11104-28-2	Pcb-aroclor 1221	ug/l	Total	Actual					8081A(SWB)	
1114-71-2	Pebulate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
11141-16-5	Pcb-aroclor 1232	ug/l	Total	Actual					8081A(SWB)	
113-48-4	MGK-264, Octyl bicycloheptene dicarboximide	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
1134-23-2	Cycloate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
114-26-1	Propoxur	ug/l	Total	Actual					531.1	
1147	Selenium	ug/l	Total	Actual					200.8(W)	
116-06-3	Aldicarb	ug/l	Total	Actual					531.1	
117-81-7	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
117-84-0	bis(n-octyl) Phthalate	ug/l	Total	Actual					8270C(S)	
118-74-1	Hexachlorobenzene	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
119-93-7	Tolidine, o-	ug/l	Total	Actual					8270C(S)	
120-12-7	Anthracene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
120-36-5	Dichlorprop	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000 ug/l								
120-58-1	Isosafrole	ug/l	Total	Actual					8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
120-82-1	1,2,4-Trichlorobenzene	ug/l	Total	Actual					8270C(S)	
120-83-2	2,4-Dichlorophenol	ug/l	Total	Actual					8270C(S)	
121-14-2	2,4-Dinitrotoluene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.10100 - 9,999.00000 ug/l								
121-75-5	Malathion	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
122-34-9	Simazine	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
124-48-1	Chlorodibromomethane	ug/l	Total	Actual					8260B	
126-98-7	Methyl acrylonitrile	ug/l	Total	Actual					8260B	
12672-29-6	Pcb-aroclor 1248	ug/l	Total	Actual					8081A(SWB)	
12674-11-2	Pcb-aroclor 1016	ug/l	Total	Actual					8081A(SWB)	
127-18-4	Tetrachloroethylene	ug/l	Total	Actual					8260B	
12789-03-6	Chlordane (technical)	ug/l	Total	Actual					8081A(SWB)	
129-00-0	Pyrene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
130-15-4	Naphthalenedione, 1,4-	ug/l	Total	Actual					8270C(S)	
13071-79-9	Terbufos	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
131-11-3	Dimethyl phthalate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
13194-48-4	Ethoprop	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
132-64-9	Dibenzofuran	ug/l	Total	Actual					8270C(S)	
133-90-4	Chloramben	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000 ug/l								
1330-20-7	Xylenes mix of m + o + p	ug/l	Total	Actual					8260B	
1336-36-3	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/l	Total	Actual					8081A(SWB)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134-32-7	Naphthylamine, alpha-	ug/l	Total	Actual					8270C(S)	
135-98-8	Butylbenzene, sec-	ug/l	Total	Actual					8260B	
139-40-2	Propazine	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
142-28-9	Dichloropropane, 1,3-	ug/l	Total	Actual					8260B	
143-50-0	Kepone	ug/l	Total	Actual					8270C(S)	
150-50-5	Merphos	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.40400 - 9,999.00000 ug/l								
15299-99-7	Napropamide	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
156-59-2	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					8260B	
156-60-5	trans-1,2-Dichloroethylene	ug/l	Total	Actual					8260B	
1563-66-2	Carbofuran	ug/l	Total	Actual					531.1	
1582-09-8	Trifluralin	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
15862-07-4	PCB-029	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
15972-60-8	Alachlor	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
160.3	Solids, Total	mg/l	Total	Actual					160.3	
1610-17-9	Atraton	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
1610-18-0	Prometone	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
1634-04-4	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					8260B	
1646-87-3	Aldicarb sulfoxide	ug/l	Total	Actual					531.1	
1646-88-4	Aldicarb sulfone	ug/l	Total	Actual					531.1	
16605-91-7	PCB-005	ug/l	Total	Actual					8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16655-82-6	Hydroxycarbofuran, 3-	ug/l	Total	Actual					531.1	
16752-77-5	Methomyl	ug/l	Total	Actual					531.1	
1861-32-1	Dacthal	ug/l	Total	Actual					8270C(S)	
1861-40-1	Benefin	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
1888-71-7	Hexachloropropylene	ug/l	Total	Actual					8270C(S)	
1897-45-6	Dacthal	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
191-24-2	Benzo[g,h,i]perylene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
1912-24-9	Atrazine	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
1918-00-9	Dicamba	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000 ug/l								
1918-16-7	Propachlor	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
1929-77-7	Vernolate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
193-39-5	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
19666-30-9	Oxadiazon	ug/l	Total	Actual					8270C(S)	
2008-41-5	Butylate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
2032-65-7	Mercaptodimethur	ug/l	Total	Actual					531.1	
204	Light attenuation, depth at 99%	m		Actual					EUPHOTIC ZONE	
205	Depth, bottom	m		Actual					MAXIMUM DEPTH	
205-99-2	Benzo[b]fluoranthene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2051-60-7	PCB-001	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
206-44-0	Fluoranthenes, C1-C4	ug/l	Total	Actual					8270C(S)	
207-08-9	Benzo[k]fluoranthene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
208-96-8	Acenaphthylene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
21087-64-9	Metribuzin	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
21725-46-2	Cyanazine	ug/l	Total	Actual						
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
218-01-9	Chrysenes C1-C4	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
2212-67-1	Molinate	ug/l	Total	Actual					8270C(S)	
22224-92-6	Fenamiphos	ug/l	Total	Actual						
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
22248-79-9	Tetrachlorvinphos	ug/l	Total	Actual						
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
2303-16-4	Diallate	ug/l	Total	Actual					8270C(S)	
23135-22-0	Oxamyl	ug/l	Total	Actual					531.1	
23184-66-9	Butachlor	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
2385-85-5	Mirex	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
23950-58-5	Pronamide	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
2437-79-8	PCB-047	ug/l	Total	Actual					8270C(S)	
25057-89-0	Bentazone	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000 ug/l								
25321-14-6	Dinitrotoluene	ug/l	Total	Actual					8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2593-15-9	Etridiazole	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
26399-36-0	Profluralin	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
2675-77-6	Chloroneb	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
27304-13-8	Oxychlordan	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
27314-13-2	Norflurazon	ug/l	Total	Actual						
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
2921-88-2	Chloropyrifos	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
298-00-0	Methyl parathion	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
298-02-2	Phorate	ug/l	Total	Actual					8270C(S)	
298-04-4	Disulfoton	ug/l	Total	Actual					8270C(S)	
300	Dissolved oxygen (DO)	mg/l		Actual					SM4500-O G	
	Acceptable Range	0.00000 - 20.00000 mg/l								
30560-19-1	Orthene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.20200 - 9,999.00000 ug/l								
309-00-2	Aldrin	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
314-40-9	Bromacil	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
31616	Fecal Coliform	cfu/100ml		Actual					SM9222 D	
	Acceptable Range	1.00000 - 64,000.00000 cfu/100ml								
319-84-6	BHC-alpha	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
319-85-7	BHC-beta	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								

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319-86-8	BHC-delta	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
32209	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					SM 1002 G.2	
32357-46-3	2,4-DB 2-butoxyethyl ester	ug/l	Total	Actual					555	
33213-65-9	Endosulfan, beta-	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
333-41-5	Diazinon	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
33820-53-0	Isopropalin	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
34014-18-1	Tebuthiuron	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.10100 - 9,999.00000 ug/l								
3424-82-6	DDE, o,p'-	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
34256-82-1	Acetochlor	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
3689-24-5	Tetraethyl dithiopyrophosphate (TEDP)	ug/l	Total	Actual					8270C(S)	
37324-23-5	Pcb-aroclor 1262	ug/l	Total	Actual					8081A(SWB)	
3734-48-3	Chlordene	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
39765-80-5	Nonachlor, trans-	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
400	pH	None		Actual					SM4500-H+ B	
	Acceptable Range	1.00000 - 10.00000 None								
40186-71-8	Pcb-201	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
40487-42-1	Pendimethalin	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								

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410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
	Acceptable Range	1.00000 - 1,000.00000	mg/l							
41814-78-2	Tricyclazole	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.10100 - 9,999.00000	ug/l							
42874-03-3	Oxyfluorofen	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000	ug/l							
43121-43-3	Triadimefon (Green Light Fung- Away fungicide)	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000	ug/l							
435	Acidity as CaCO3	mg/l	Total	Actual					305.1	
465-73-6	Isodrin	ug/l	Total	Actual					8270C(S)	
50-29-3	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000	ug/l							
50-32-8	Benzo[a]pyrene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000	ug/l							
50594-66-6	Acifluorfen	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
51-28-5	Dinitrophenol, 2,4-	ug/l	Total	Actual					8270C(S)	
51-36-5	Dichlorobenzoic acid, 3,5-	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
510-15-6	Chlorobenzilate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000	ug/l							
5103-71-9	Chlordane, cis	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000	ug/l							
5103-73-1	Nonachlor, cis-	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000	ug/l							
5103-74-2	Chlordane, trans	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000	ug/l							
51218-45-2	Metolachlor	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000	ug/l							

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51235-04-2	Hexazinone	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
51877-74-8	Permethrin, (-)-trans-	ug/l	Total	Actual					8081A(SWB)	
52-85-7	Famphur	ug/l	Total	Actual					8270C(S)	
5234-68-4	Carboxin	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
52645-53-1	Permethrin	ug/l	Total	Actual					8081A(SWB)	
52663-69-1	Pcb-183	ug/l	Total	Actual					508	
52663-71-5	Pcb-171	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
52663-73-7	Pcb-200	ug/l	Total	Actual					508	
53-19-0	DDD, o,p'-	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
53-70-3	Dibenzo[a,h]anthracene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
53-96-3	2-Acetylaminofluorene	ug/l	Total	Actual					8270C(S)	
530	Solids, Fixed	mg/l	Non-filterable	Actual					160.2_M	
	Acceptable Range	1.00000 - 1,000.00000 mg/l								
534-52-1	Dinitro-o-cresol	ug/l	Total	Actual					8270C(S)	
53469-21-9	Pcb-aroclor 1242	ug/l	Total	Actual					8081A(SWB)	
53494-70-5	Endrin ketone	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
541-73-1	1,3-Dichlorobenzene	ug/l	Total	Actual					8270C(S)	
544-10-5	n-Hexyl chloride	ug/l	Total	Actual					8260B	
54774-45-7	Permethrin, (-)-cis-	ug/l	Total	Actual					8081A(SWB)	
55-18-5	Nitrosodiethylamine, n-	ug/l	Total	Actual					8270C(S)	
56-23-5	Carbon tetrachloride	ug/l	Total	Actual					8260B	
56-38-2	Parathion	ug/l	Total	Actual					8270C(S)	
56-49-5	Methylcholanthrene, 3-	ug/l	Total	Actual					8270C(S)	

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56-55-3	Benzo[a]anthracene	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
563-58-6	Dichloropropene, 1,1-	ug/l	Total	Actual					8260B	
57-97-6	Dimethylbenz(a)anthracene, 7,12-	ug/l	Total	Actual					8270C(S)	
58-08-2	Caffeine	ug/l	Total	Actual						
58-89-9	BHC-gamma (Lindane)	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
58-90-2	Tetrachlorophenol, 2,3,4,6-	ug/l	Total	Actual					8270C(S)	
59-50-7	4-Chloro-3-methylphenol	ug/l	Total	Actual					8270C(S)	
59-89-2	Nitrosomorpholine, n-	ug/l	Total	Actual					8270C(S)	
5902-51-2	Terbacil	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
591-78-6	Hexanone, 2-	ug/l	Total	Actual					8260B	
594-20-7	Dichloropropane, 2,2-	ug/l	Total	Actual					8260B	
59756-60-4	Fluridone	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.20200 - 9,999.00000 ug/l								
60-11-7	Dimethylaminoazobenzene, 4-	ug/l	Total	Actual					8270C(S)	
60-29-7	Ethyl ether	ug/l	Total	Actual					8260B	
60-51-5	Dimethoate	ug/l	Total	Actual					8270C(S)	
60-57-1	Dieldrin	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
60145-22-4	Pcb-154	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
60168-88-9	Fenarimol	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
60233-25-2	PCB-098	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
606-20-2	2,6-Dinitrotoluene	ug/l	Total	Actual					8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.10100 - 9,999.00000 ug/l								
608-93-5	Pentachlorobenzene	ug/l	Total	Actual					8270C(S)	
610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
	Acceptable Range	0.05000 - 100.00000 mg/l								
6190-65-4	Desethyl atrazine	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
62-44-2	Phenacetin	ug/l	Total	Actual					8270C(S)	
62-50-0	Ethyl methanesulfonate	ug/l	Total	Actual					8270C(S)	
62-53-3	Aniline	ug/l	Total	Actual					8270C(S)	
62-73-7	Dichlorovos (DDVP)	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
62-75-9	Nitrosodimethylamine, n-	ug/l	Total	Actual					8270C(S)	
621-64-7	n-Nitrosodipropylamine	ug/l	Total	Actual					8270C(S)	
625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Acceptable Range	0.05000 - 100.00000 mg/l								
63-25-2	Sevin	ug/l	Total	Actual					531.1	
630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2_M	
	Acceptable Range	0.00500 - 100.00000 mg/l								
630-20-6	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					8260B	
65-85-0	Benzoic acid	ug/l	Total	Actual					8270C(S)	
66-27-3	Methyl methanesulfonate	ug/l	Total	Actual					8270C(S)	
665	Phosphorus as P	mg/l	Total	Actual					365.1	
	Acceptable Range	0.00500 - 100.00000 mg/l								
666	Phosphorus as P	mg/l	Dissolved	Actual					365.1	
67-64-1	Acetone	ug/l	Total	Actual					8260B	
67-66-3	Chloroform	ug/l	Total	Actual					8260B	
67-72-1	Hexachloroethane	ug/l	Total	Actual					8270C(S)	

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Kentucky Division of Water

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					SM5310C	
	Acceptable Range	0.25000 - 1,000.00000 mg/l								
7005-72-3	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					8270C(S)	
71-43-2	Benzene	ug/l	Total	Actual					8260B	
71-55-6	Trichloroethane, 1,1,1-	ug/l	Total	Actual					8260B	
71900	Mercury	ng/l	Total	Actual					1631	
	Acceptable Range	0.20000 - 5,000,000.00000 ng/l	Recovrble							
72-20-8	Endrin	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
72-43-5	Methoxychlor	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
72-54-8	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					8081A(SWB)	
72-55-9	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
7287-19-6	Prometryn	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
74-54-8	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
74-83-9	Methyl bromide	ug/l	Total	Actual					8260B	
74-87-3	Methyl chloride	ug/l	Total	Actual					8260B	
74-88-4	Methyl iodide	ug/l	Total	Actual					8260B	
74-95-3	Dibromomethane	ug/l	Total	Actual					8260B	
74-97-5	Chlorobromomethane	ug/l	Total	Actual					8260B	
7421-93-4	Endrin Aldehyde	ug/l	Total	Actual					8081A(SWB)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
7439-98-7	Molybdenum	ug/l	Total	Actual					200.8(W)	
75-00-3	Chloroethane	ug/l	Total	Actual					8260B	
75-01-4	Vinyl chloride	ug/l	Total	Actual					8260B	
75-09-2	Dichloromethane	ug/l	Total	Actual					8260B	
75-15-0	Carbon disulfide	ug/l	Total	Actual					8260B	
75-25-2	Bromoform	ug/l	Total	Actual					8260B	
75-27-4	Dichlorobromomethane	ug/l	Total	Actual					8260B	
75-34-3	Dichloroethane, 1,1-	ug/l	Total	Actual					8260B	
75-35-4	1,1-Dichloroethylene	ug/l	Total	Actual					8260B	
75-69-4	Trichlorofluoromethane	ug/l	Total	Actual					8260B	
75-71-8	Dichlorodifluoromethane	ug/l	Total	Actual					8260B	
75-99-0	Dichloropropionic acid, 2,2- ***retired*** (use Dalapon)	ug/l	Total	Actual					555	
759-94-4	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
76-01-7	Pentachloroethane	ug/l	Total	Actual					8270C(S)	
76-44-8	Heptachlor	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
7600-50-2	2,5-Dichloro-3-hydroxy-6-methoxybenzoic acid	ug/l	Total	Actual					515.2	
77-47-4	Hexachlorocyclopentadiene	ug/l	Total	Actual						
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
7786-34-7	Phosdrin	ug/l	Total	Actual					8270C(S)	
78	Depth, Secchi Disk Depth	m		Actual					SECCHI DISK	
78-59-1	Isophorone	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
78-87-5	Dichloropropane, 1,2-	ug/l	Total	Actual					8260B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
78-93-3	Methyl ethyl ketone	ug/l	Total	Actual					8260B	
789-02-6	DDT,o,p'-	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
79-00-5	Trichloroethane, 1,1,2-	ug/l	Total	Actual					8260B	
79-01-6	Trichloroethylene	ug/l	Total	Actual					8260B	
79-34-5	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					8260B	
79-46-9	2-Nitropropane	ug/l	Total	Actual					8260B	
80-62-6	Methyl methacrylate	ug/l	Total	Actual					8260B	
8001-35-2	Toxaphene	ug/l	Total	Actual					8081A(SWB)	
8017-34-3	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					8081A(SWB)	
82-68-8	Pentachloronitrobenzene (PCNB)	ug/l	Total	Actual					8270C(S)	
82078	Turbidity	NTU	Total	Actual					180.1	
	Acceptable Range	1.00000 - 10,000.00000 NTU								
8260	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					8260B	
83-32-9	Acenaphthene	ug/l	Total	Actual					8270C(S)	
834-12-8	Ametryne	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
84-66-2	Diethyl phthalate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
84-74-2	Dibutyl phthalate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
85-01-8	Phenanthrenes, C1-C4	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
85-68-7	Butyl benzyl phthalate	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
86-30-6	n-Nitrosodiphenylamine	ug/l	Total	Actual					8270C(S)	
86-73-7	Fluorenes, C1-C3	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
87-61-6	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					8260B	
87-65-0	Dichlorophenol, 2,6-	ug/l	Total	Actual					8270C(S)	
87-68-3	Hexachlorobutadiene	ug/l	Total	Actual					8270C(S)	
87-86-5	Pentachlorophenol (PCP)	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000 ug/l								
88-06-2	2,4,6-Trichlorophenol (TCP)	ug/l	Total	Actual					8270C(S)	
88-74-4	Nitroaniline, 2-	ug/l	Total	Actual					8270C(S)	
88-75-5	Nitrophenol, 2-	ug/l	Total	Actual					8270C(S)	
88-85-7	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired** (use Dinoseb)	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000 ug/l								
886-50-0	Terbutryn	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
900	Hardness, Ca + Mg	mg/l	Total	Actual					SM2340 B	
	Acceptable Range	1.00000 - 2,000.00000 mg/l								
91-20-3	Naphthalene	ug/l	Total	Actual					8270C(S)	
91-57-6	Methylnaphthalene, 2-	ug/l	Total	Actual					8270C(S)	
91-58-7	Chloronaphthalene-2	ug/l	Total	Actual					8270C(S)	
91-59-8	Naphthylamine, beta-	ug/l	Total	Actual					8270C(S)	
91-80-5	Methapyrilene	ug/l	Total	Actual					8270C(S)	
91-94-1	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					8270C(S)	
916	Calcium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.15000 - 1,000.00000 mg/l								
92-67-1	Aminodiphenyl, 4-	ug/l	Total	Actual					8270C(S)	
92-87-5	Benzidine	ug/l	Total	Actual					8270C(S)	
924-16-3	Nitrosodibutylamine, n-	ug/l	Total	Actual					8270C(S)	
927	Magnesium	mg/l	Total	Actual					200.7(W)	

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Kentucky Division of Water

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.50000 - 1,000.00000	mg/l	Recoverable						
929	Sodium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.10000 - 1,000.00000	mg/l	Recoverable						
93-65-2	MCCP, Mecoprop	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
93-72-1	Silvex	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
93-76-5	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
930-55-2	Nitrosopyrrolidine, n-	ug/l	Total	Actual					8270C(S)	
937	Potassium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.15000 - 1,000.00000	mg/l	Recoverable						
94	Specific conductance	uS/cm		Actual					SM2510 B	
	Acceptable Range	1.00000 - 10,000.00000	uS/cm							
94-59-7	Safrole	ug/l	Total	Actual					8270C(S)	
94-74-6	MCPA, Methyl chlorophenoxy acetic acid	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
94-75-7	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
94-82-6	2,4-DB, Dichlorophenoxybutyric acid	ug/l	Total	Actual					555	
	Acceptable Range	0.08000 - 9,999.00000	ug/l							
940	Chloride	mg/l	Total	Actual						
	Acceptable Range	1.00000 - 1,000.00000	mg/l							
944-22-9	Fonofos	ug/l	Total	Actual					8270C(S)	

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Kentucky Division of Water

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
946	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.1	
	Acceptable Range	5.00000 - 1,000.00000 mg/l								
95-47-6	Xylene, o-	ug/l	Total	Actual					8260B	
95-48-7	Cresol, o-	ug/l	Total	Actual					8270C(S)	
95-49-8	Chlorotoluene, 2-	ug/l	Total	Actual					8260B	
95-50-1	1,2-Dichlorobenzene	ug/l	Total	Actual					8270C(S)	
95-53-4	Methylbenzenamine, 2-	ug/l	Total	Actual					8270C(S)	
95-57-8	Chlorophenol-2	ug/l	Total	Actual					8270C(S)	
95-63-6	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					8260B	
95-95-4	Trichlorophenol, 2,4,5-	ug/l	Total	Actual					8270C(S)	
950-35-6	Phosphoric acid dimethyl 4-nitrophenyl ester	ug/l	Total	Actual					8270C(S)	
957-51-7	Diphenamid	ug/l	Total	Actual					8270C(S)	
	Acceptable Range	0.04040 - 9,999.00000 ug/l								
959-98-8	Endosulfan, alpha-	ug/l	Total	Actual					8081A(SWB)	
	Acceptable Range	0.01010 - 9,999.00000 ug/l								
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					8260B	
96-18-4	Trichloropropane, 1,2,3-	ug/l	Total	Actual					8260B	
96-33-3	Methyl acrylate	ug/l	Total	Actual					8260B	
97-63-2	Ethyl methacrylate	ug/l	Total	Actual					8260B	
98-06-6	Butylbenzene, tert-	ug/l	Total	Actual					8260B	
98-82-8	Cumene	ug/l	Total	Actual					8260B	
98-86-2	Acetophenone	ug/l	Total	Actual					8270C(S)	
98-95-3	nitro-Benzene	ug/l	Total	Actual					8270C(S)	
99-09-2	m-Nitroaniline	ug/l	Total	Actual					8270C(S)	
99-35-4	Trinitrobenzol ***retired*** (use 1,3,5-Trinitrobenzene)	ug/l	Total	Actual					8270C(S)	
99-55-8	5-Nitro-ortho-toluidine	ug/l	Total	Actual					8270C(S)	

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Kentucky Division of Water

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
99-65-0	Dinitrobenzene, m-	ug/l	Total	Actual					8270C(S)	
99-87-6	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual					8260B	
ANTIMONY	Antimony	ug/l	Total	Actual					200.7(W)	
COBALT	Cobalt	ug/l	Total	Actual					200.7(W)	
DOC	Carbon, organic	mg/l	Dissolved	Actual					415.1	
ESCHERICHIA	Escherichia	#/100ml		Actual						
PICLORAM	Picloram	ug/l	Total	Actual					555	
STRONTIUM	Strontium	ug/l	Total	Actual					200.7(W)	

Characteristic Group Details

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21LABCH

Louisiana Department of Health and Hospitals

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BEACH_WQ	Beach Water Quality Group	Field Msr/Obs	Water				N

Citations LA QAPP - Robert Wagner, PhD, 2003, Louisiana's Beach Program Quality Assurance Project Plan, Louisiana Department of Health and Hospitals, Office of Public Health, 1-35

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21MEBCH

State Planning Office (EPA Region 1)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQF-001	Water Borne Pathogens	Sample	Water				N
WQF-002	Salinity measurement	Field Msr/Obs	Water				N
	Citations	USEPA, 1993, Volunteer Estuary Monitoring: A Methods Manual., USEPA, EPA 842/B-93-004					
	Description	Measurement in field using temperature compensated refractometer					
WQF-003	Water Temperature	Field Msr/Obs	Water				N
	Citations	USEPA, 1993, Volunteer Estuary Monitoring: A Methods Manual., USEPA, EPA 842/B-93-004					
	Description	Measurement of air and water temperature using La Motte armoured thermometer					

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21MICH

Michigan Department of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEST	TEST	Sample	Water				N

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21MSWQ

MS. Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AIR_FLD	Fld Msr/Obs - AIR	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual					170.1	
	Acceptable Range	-40.00000 - 500.00000 deg C								
00040	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FSH_SMPL	Fish Tissue Samples	Sample	Biological	Tissue			N

Description Include Shellfish here if we ever record it?

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01004	Arsenic	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.18000 - 9,999.00000 ug/g								
01149	Selenium	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.52000 - 9,999.00000 ug/g								
03875	Chromium	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.05000 - 9,999.00000 ug/g								
03879	Cadmium	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.05000 - 9,999.00000 ug/g								
03883	Lead	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.22000 - 9,999.00000 ug/g								
03886	Mercury	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.05000 - 9,999.00000 ug/g								
03891	Zinc	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.87000 - 9,999.00000 ug/g								
03896	Nickel	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.11000 - 9,999.00000 ug/g								

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21MSWQ

MS. Dept. of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
03900	Copper	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.42000 - 9,999.00000 ug/g								
81658	Barium	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.14000 - 99,999,999.00000 ug/g								
81660	Iron	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.20000 - 9,999.00000 ug/g								
81663	Tin	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.18000 - 9,999.00000 ug/g								
81666	Aluminum	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	10.20000 - 9,999.00000 ug/g								
81742	Silver	ug/g	Total	Actual		Wet			MS200.7F	
	Acceptable Range	0.10000 - 9,999.00000 ug/g								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB_FLD	Fld Msr/Obs - HAB	Field Msr/Obs					Y

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SDM_SMPL	Sample - SDM	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01003	Arsenic	mg/kg	Total	Actual		Dry			200.7(S)	
	Acceptable Range	0.00000 - 9,999.00000 mg/kg								
01008	Barium	mg/kg	Total	Actual		Dry			200.7(S)	
	Acceptable Range	0.00000 - 9,999.00000 mg/kg								
01028	Cadmium	mg/kg	Total	Actual		Dry			200.7(S)	
	Acceptable Range	0.00000 - 9,999.00000 mg/kg								
01029	Chromium	mg/kg	Total	Actual		Dry			200.7(S)	
	Acceptable Range	0.00000 - 9,999.00000 mg/kg								

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21MSWQ

MS. Dept. of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01043	Copper Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01052	Lead Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01053	Manganese Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01068	Nickel Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01078	Silver Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01093	Zinc Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01098	Antimony Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01103	Tin Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01108	Aluminum Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01148	Selenium Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
01170	Iron Acceptable Range	mg/kg	Total	Actual		Dry			200.7(S)	
31662	Phosphate Acceptable Range	mg/kg	Total	Actual		Dry				
									0.10000 - 99,999,999.00000 mg/kg	
34203	Acenaphthylene	ug/kg	Total	Actual		Dry			UNKNWN	
34208	Acenaphthene	ug/kg	Total	Actual		Dry			UNKNWN	
34233	Benzo[b]fluoranthene	ug/kg	Total	Actual		Dry			UNKNWN	
34245	Benzo[k]fluoranthene	ug/kg	Total	Actual		Dry			UNKNWN	
34323	Chrysenes C1-C4	ug/kg	Total	Actual		Dry			UNKNWN	
34354	Endosulfan Sulfate	ug/kg	Total	Actual		Dry			UNKNWN	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34379	Fluoranthenes, C1-C4 Acceptable Range	ug/kg	Total	Actual		Dry			UNKNWN	
		0.00000 - 9,999,999.00000 ug/kg								
34384	Fluorenes, C1-C3 Acceptable Range	ug/kg	Total	Actual		Dry				
		0.00000 - 9,999,999.00000 ug/kg								
34406	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual		Dry			UNKNWN	
34445	Naphthalene	ug/kg	Total	Actual		Dry			UNKNWN	
34464	Phenanthrenes, C1-C4 Acceptable Range	ug/kg	Total	Actual		Dry			UNKNWN	
		0.00000 - 9,999.00000 ug/kg								
34472	Pyrene	ug/kg	Total	Actual		Dry			UNKNWN	
34807	Barium Acceptable Range	ug/g	Total	Actual		Dry			200.7(S)	
		0.00000 - 9,999,999.00000 ug/g								
34957	Silver Acceptable Range	ug/g	Total	Actual		Dry			200.7(S)	
		0.00000 - 9,999,999.00000 ug/g								
39333	Aldrin	ug/kg	Total	Actual		Dry			UNKNWN	
39383	Dieldrin	ug/kg	Total	Actual		Dry			UNKNWN	
39393	Endrin	ug/kg	Total	Actual		Dry			UNKNWN	
39403	Toxaphene	ug/kg	Total	Actual		Dry			UNKNWN	
39413	Heptachlor	ug/kg	Total	Actual		Dry			UNKNWN	
39423	Heptachlor epoxide	ug/kg	Total	Actual		Dry			UNKNWN	
39631	Atrazine Acceptable Range	ug/kg	Total	Actual		Dry			UNKNWN	
		0.00000 - 9,999.00000 ug/kg								
39701	Hexachlorobenzene	ug/kg	Total	Actual		Dry			UNKNWN	
50945	PCB-008 Acceptable Range	mg/kg	Total	Actual		Dry			UNKNWN	
		0.00000 - 9,999.00000 mg/kg								
50946	PCB-018 Acceptable Range	mg/kg	Total	Actual		Dry			UNKNWN	
		0.00000 - 9,999,999.00000 mg/kg								
50947	PCB-028 Acceptable Range	mg/kg	Total	Actual		Dry			UNKNWN	
		0.00000 - 9,999,999.00000 mg/kg								
50948	PCB-052	mg/kg	Total	Actual		Dry			UNKNWN	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 9,999,999.00000 mg/kg								
50962	Pcb-195	mg/kg	Total	Actual		Dry			UNKNWN	
	Acceptable Range	0.00000 - 9,999.00000 mg/kg								
70310	pH	None	Total	Actual		Wet			UNKNWN	
	Acceptable Range	0.10000 - 14.00000 None								
71921	Mercury	mg/kg	Total	Actual		Ash-Free Dry			200.7(S)	
	Acceptable Range	0.00000 - 9,999.00000 mg/kg								
75558	Biphenyl	ug/kg	Total	Actual		Dry			UNKNWN	
78828	Benzo[g,h,i]perylene	ug/kg	Total	Actual		Dry			UNKNWN	
78868	Methylnaphthalene, 2-	ug/kg	Total	Actual		Dry			UNKNWN	
80153	Carbon, Total Organic (Toc)	%	Total	Actual		Dry			9060	
	Acceptable Range	0.00000 - 9,999.00000 %								
81951	Carbon, Total Organic (Toc)	mg/kg	Total	Actual		Dry			UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/kg								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WTR_FLD	Fld Msr/Obs - WTR	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	0.00000 - 50.00000 deg C								
00059	Flow	gal/min		Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 gal/min								
00060	Flow	cfs		Actual	Mean		1 Day		UNKNWN	
	Acceptable Range	0.00000 - 1,500,000.00000 cfs								
00061	Flow	cfs		Actual					UNKNWN	
	Acceptable Range	0.00000 - 500,000.00000 cfs								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00064	Depth, bottom Acceptable Range	ft 0.00000 - 100.00000 ft		Actual	Mean					
00067	Tide stage (choice list)									
00078	Depth, Secchi Disk Depth Acceptable Range	m 0.00000 - 100.00000 m		Actual					MS1983	
00080	Color, True Acceptable Range	PCU 0.00000 - 500.00000 PCU		Actual					2120-B	
00081	Color, True Acceptable Range	PCU 0.00000 - 9,999.00000 PCU		Actual					2120-B	
00094	Specific conductance Acceptable Range	umho/cm 1.00000 - 60,000.00000 umho/cm		Actual				25 Deg C	120.1	
00183	Chlorine Acceptable Range	mg/l 0.10000 - 99,999,999.00000 mg/l	Total Residual	Actual					330.5	
00299	Dissolved oxygen (DO) Acceptable Range	mg/l 0.00000 - 30.00000 mg/l		Actual					UNKNWN	
00300	Dissolved oxygen (DO) Acceptable Range	mg/l 0.00000 - 45.00000 mg/l		Actual						
00301	Dissolved oxygen saturation Acceptable Range	% 0.00000 - 200.00000 %		Actual					UNKNWN	
00400	pH Acceptable Range	None 1.00000 - 14.00000 None		Actual					9040A	
00402	Specific conductance Acceptable Range	umho/cm 1.00000 - 99,999,999.00000 umho/cm		Actual						
00406	pH Acceptable Range	None 0.10000 - 14.00000 None		Actual					150.1	
00480	Salinity Acceptable Range	ppt 0.00000 - 10,000.00000 ppt		Actual					2520-B	
49701	Depth, Secchi Disk Depth Acceptable Range	ft 0.00000 - 300.00000 ft		Actual					MS1983	
50051	Flow Acceptable Range	mgd 0.00000 - 9,999,999.00000 mgd		Actual					UNKNWN	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
70304	Solids, Total Suspended (TSS)	mg/l		Actual					MS1030F-5	
	Acceptable Range	4.00000 - 9,999.00000 mg/l								
70940	Macroinvertebrates	#/m2	Total	Actual						
	Acceptable Range	0.00000 - 99,999,999.00000 #/m2								
70945	Periphyton	count	Total	Actual						
	Acceptable Range	0.00000 - 99,999,999.00000 count								
81903	Depth, bottom	ft		Actual						
	Acceptable Range	0.00000 - 100.00000 ft								
82078	Turbidity	NTU		Actual					180.1	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WTR_SMPL	Sample - WTR	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00310	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	405.1	
	Acceptable Range	2.00000 - 1,500.00000 mg/l								
00319	BOD, ultimate	mg/l		Actual						
	Acceptable Range	0.00000 - 300.00000 mg/l								
00320	BOD, ultimate first stage	mg/l		Actual						
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
00321	BOD, ultimate second stage	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 1,500.00000 mg/l								
00322	BOD, Biochemical oxygen demand	mg/l		Actual			10 Day	20 Deg C		
	Acceptable Range	0.00000 - 300.00000 mg/l								
00323	BOD, Biochemical oxygen demand	mg/l		Actual			15 Day	20 Deg C		

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 300.00000 mg/l								
00324	BOD, Biochemical oxygen demand	mg/l		Actual			20 Day	20 Deg C		
	Acceptable Range	0.00000 - 300.00000 mg/l								
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual					410.4	
	Acceptable Range	10.00000 - 1,000.00000 mg/l								
00345	BOD, Biochemical oxygen demand	mg/l		Actual			25 Day	20 Deg C		
	Acceptable Range	0.00000 - 300.00000 mg/l								
00349	BOD, Biochemical oxygen demand	mg/l		Actual			30 Day	20 Deg C		
	Acceptable Range	0.00000 - 300.00000 mg/l								
00403	pH	None		Actual					150.1	
	Acceptable Range	0.10000 - 14.00000 None								
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
	Acceptable Range	0.00000 - 500.00000 mg/l								
00435	Acidity as CaCO3	mg/l		Actual					305.1	
	Acceptable Range	0.00000 - 9,999.00000 mg/l								
00500	Solids, Fixed	mg/l	Total	Actual					160.3	
	Acceptable Range	4.00000 - 600.00000 mg/l								
00505	Solids, Fixed	mg/l	Volatile	Actual					160.4	
	Acceptable Range	4.00000 - 99,999,999.00000 mg/l								
00530	Solids, Fixed	mg/l	Total	Actual					160.2	
	Acceptable Range	4.00000 - 500.00000 mg/l								
00530N	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
	Acceptable Range	2.00000 - 10,000.00000 mg/l								
00535	Solids, Fixed	mg/l	Total Residual	Actual					MS106.4	
	Acceptable Range	4.00000 - 99,999,999.00000 mg/l								
00556	Oil and Grease	mg/l	Total	Actual					1664	
	Acceptable Range	5.00000 - 600.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00605	Nitrogen, organic Acceptable Range	mg/l 0.00000 - 200.00000 mg/l		Calculated					351.2	
00608	Nitrogen, ammonia (NH3) as NH3 Acceptable Range	mg/l 0.00500 - 20.00000 mg/l	Dissolved	Actual					350.1	
00610	Nitrogen, ammonia (NH3) as NH3 Acceptable Range	mg/l 0.10000 - 20.00000 mg/l	Total	Actual					350.1	
00613	Nitrogen, Nitrite (NO2) as NO2 Acceptable Range	mg/l 0.00500 - 1.00000 mg/l	Dissolved	Actual					300(A)	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					354.1	
00618	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l 0.00000 - 25.00000 mg/l	Dissolved	Actual					MS353.2AW	
00620	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l 0.02000 - 9,999,999.00000 mg/l	Total	Actual					MS353.2A	
00625	Nitrogen, Kjeldahl Acceptable Range	mg/l 0.00000 - 50.00000 mg/l	Total	Actual					351.2	
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l 0.02000 - 55.00000 mg/l	Total	Actual					353.2	
00665	Phosphorus as P Acceptable Range	mg/l 0.01000 - 10.00000 mg/l	Total	Actual					365.2	
00666	Phosphorus as P Acceptable Range	mg/l 0.02000 - 100.00000 mg/l	Dissolved	Actual					365.2	
00671	Phosphorus, orthophosphate as P Acceptable Range	mg/l 0.00000 - 100.00000 mg/l	Dissolved	Actual						
00673	Phosphorus, organic as P Acceptable Range	mg/l 0.00000 - 100.00000 mg/l	Dissolved	Actual						
00680	Carbon, Total Organic (Toc) Acceptable Range	mg/l 0.00000 - 100.00000 mg/l	Total	Actual					415.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00681	Carbon, organic Acceptable Range	mg/l	Dissolved	Actual						
		0.00000 - 1,000.00000 mg/l								
00720	Cyanide Acceptable Range	mg/l	Total	Actual					335.2	
		0.01000 - 9,999.00000 mg/l								
00722	Cyanide Acceptable Range	mg/l	Free Available	Actual					335.1	
		0.01000 - 99,999,999.00000 mg/l								
00740	Sulfite (SO3) as SO3 Acceptable Range	mg/l	Total	Actual					200.7(W)	
		10.00000 - 99,999,999.00000 mg/l								
00745	Sulfide Acceptable Range	mg/l	Total	Actual					376.2	
		0.00000 - 600.00000 mg/l								
00900	Hardness, Ca + Mg Acceptable Range	mg/l	Total	Actual					130.1	
		3.00000 - 500.00000 mg/l								
00916	Calcium Acceptable Range	mg/l	Total	Actual					215.2	
		10.00000 - 5,000.00000 mg/l								
00940	Chloride Acceptable Range	mg/l	Total	Actual					325.1	
		0.00000 - 22,000.00000 mg/l								
00945	Sulfur, sulfate (SO4) as SO4 Acceptable Range	mg/l	Total	Actual					375.4	
		10.00000 - 600.00000 mg/l								
00951	Fluorides Acceptable Range	mg/l	Total	Actual					340.2	
		0.10000 - 9,999,999.00000 mg/l								
01002	Arsenic Acceptable Range	ug/l	Total	Actual					200.7(W)	
		2.20000 - 500.00000 ug/l								
01007	Barium Acceptable Range	ug/l	Total	Actual					200.7(W)	
		0.22000 - 9,999,999.00000 ug/l								
01012	Beryllium Acceptable Range	ug/l	Total	Actual					200.7(W)	
		1.00000 - 600.00000 ug/l								
01022	Boron Acceptable Range	ug/l	Total	Actual					200.7(W)	
		1.00000 - 9,999,999.00000 ug/l								
01025	Cadmium Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
		1.00000 - 9,999,999.00000 ug/l								
01027	Cadmium	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.27000 - 100.00000 ug/l								
01034	Chromium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	1.00000 - 2,000.00000 ug/l								
01037	Cobalt	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 600.00000 ug/l								
01042	Copper	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.52000 - 150.00000 ug/l								
01045	Iron	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 15,000.00000 ug/l								
01051	Lead	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	5.00000 - 1,000.00000 ug/l								
01055	Manganese	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	5.00000 - 5,000.00000 ug/l								
01059	Thallium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	5.80000 - 99,999,999.00000 ug/l								
01062	Molybdenum	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
01067	Nickel	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	1.60000 - 500.00000 ug/l								
01077	Silver	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	1.00000 - 9,999.00000 ug/l								
01087	Vanadium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.37000 - 99,999,999.00000 ug/l								
01092	Zinc	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.59000 - 1,000.00000 ug/l								
01097	Antimony	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	1.30000 - 9,999,999.00000 ug/l								
01102	Tin	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
01105	Aluminum	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	2.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01106	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
01142	Silicon as Si	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
01147	Selenium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	5.00000 - 1,000.00000 ug/l								
01152	Titanium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	10.00000 - 99,999,999.00000 ug/l								
01307	Chromium, hexavalent	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 2,000.00000 mg/l								
17501	Lead-210	pCi/L	Total	Actual						
	Acceptable Range	5.00000 - 1,000.00000 pCi/L								
31501	Fecal Coliform	#/100ml	Total	Actual						
	Acceptable Range	0.00000 - 9,999,999.00000 #/100ml								
31507	Fecal Coliform	#/100ml	Total	Actual						
31615	Fecal Coliform	#/100ml		Actual					MS9221	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
31616	Fecal Coliform	#/100ml		Actual					9222-D	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
31621	Fecal Coliform	#/100ml		Actual					9221-E	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
31648	Escherichia coli	#/100ml	Filterable	Actual					9222-B	
	Acceptable Range	0.00000 - 9,999,999.00000 #/100ml								
31649	Enterococcus Group Bacteria	cfu/100ml	Non-filterable	Actual					MS1600	
	Acceptable Range	0.00000 - 99,999,999.00000 cfu/100ml								
31675	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9230-B	
	Acceptable Range	0.00000 - 99,999,999.00000 #/100ml								
32209	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					MS445N	
	Acceptable Range	0.00000 - 1,000,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32211	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					MS446	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
32213	Pheophytin-a	ug/l	Filterable	Actual					MS10200H	
	Acceptable Range	0.00000 - 200.00000 ug/l								
32218	Pheophytin-a	ug/l		Actual					MS446	
	Acceptable Range	0.00000 - 600.00000 ug/l								
32228	Chlorophyll a, uncorrected for pheophytin	mg/m2	Filterable	Actual		Dry			UNKNWN	
	Acceptable Range	0.00000 - 999,999.00000 mg/m2								
32238	Chlorophyll a, uncorrected for pheophytin	mg/m3		Actual					UNKNWN	
	Acceptable Range	0.00000 - 520.00000 mg/m3								
32730	Phenols (mixture)	ug/l	Total	Actual						
39488	Pcb-aroclor 1221	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
39492	Pcb-aroclor 1232	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
39496	Pcb-aroclor 1242	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
39500	Pcb-aroclor 1248	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
39504	Pcb-aroclor 1254	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
39508	Pcb-aroclor 1260	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
39580	Azinphos-methyl	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
46000	Phenols (mixture)	mg/l	Total	Actual					420.1	
	Acceptable Range	0.05000 - 200.00000 mg/l								
46003	Phosphate	mg/l	Dissolved	Actual					365.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00200 - 99,999,999.00000 mg/l								
49560	Hydrocarbons, Petroleum (Unspecified Mix)	mg/l	Total	Actual					1664	
	Acceptable Range	5.00000 - 99,999,999.00000 mg/l								
50787	Phosphate	mg/l	Total	Actual					365.2	
	Acceptable Range	0.01000 - 99,999,999.00000 mg/l								
70294	Solids, Fixed	mg/l	Total Residual	Calculated					MS1030F-5	
	Acceptable Range	0.00000 - 99,999,999.00000 mg/l								
70507	Phosphorus, orthophosphate as P	mg/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 100.00000 mg/l								
70515	Color, True	PCU		Actual						
	Acceptable Range	0.00000 - 600.00000 PCU								
71890	Mercury	ug/l	Dissolved	Actual					245.1	
	Acceptable Range	0.50000 - 99,999,999.00000 ug/l								
71900	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.50000 - 10.00000 ug/l								
77222	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999.00000 ug/l								
77226	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999.00000 ug/l								
78131	Toluene	ug/l	Total	Actual					UNKNWN	
	Acceptable Range	0.00000 - 9,999.00000 ug/l								
80082	BOD, carbonaceous	mg/l		Actual			5 Day	20 Deg C	405.1	
	Acceptable Range	2.00000 - 300.00000 mg/l								
80084	BOD, carbonaceous	mg/l		Actual			10 Day	20 Deg C		
	Acceptable Range	0.00000 - 300.00000 mg/l								
80086	BOD, carbonaceous	mg/l		Actual			15 Day	20 Deg C		
	Acceptable Range	0.00000 - 300.00000 mg/l								
80087	BOD, carbonaceous	mg/l		Actual			20 Day	20 Deg C		
	Acceptable Range	0.00000 - 300.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
80088	BOD, carbonaceous Acceptable Range	mg/l 0.00000 - 300.00000 mg/l		Actual			30 Day	20 Deg C		
80257	BOD, carbonaceous Acceptable Range	mg/l 0.00000 - 300.00000 mg/l		Actual			2 Day	20 Deg C		
80280	BOD, Biochemical oxygen demand Acceptable Range	mg/l 0.00000 - 300.00000 mg/l	Filterable	Actual			5 Day	20 Deg C		
80353	Xylene, o- Acceptable Range	ug/l 0.00000 - 9,999.00000 ug/l	Total	Actual					UNKNWN	
81648	Pcb-aroclor 1242/1260 Acceptable Range	ug/l 0.00000 - 9,999,999.00000 ug/l	Total	Actual						
82033	Magnesium Acceptable Range	ug/l 0.00000 - 600.00000 ug/l	Total	Actual					200.7(W)	
82034	Potassium Acceptable Range	ug/l 0.00000 - 600.00000 ug/l	Total	Actual					200.7(W)	
82035	Sodium Acceptable Range	ug/l 0.00000 - 600.00000 ug/l	Total	Actual					200.7(W)	
82079	Turbidity Acceptable Range	NTU 1.00000 - 6,000.00000 NTU	Total	Actual					180.1	
85795	Xylenes, m- & p- Mix Acceptable Range Flucythrinate (Cybolt)	ug/l 0.00000 - 9,999.00000 ug/l	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10	WATER TEMP	Field Msr/Obs	Water				N

Citations NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Temperature, water	deg C		Actual					WQS SOP	
2001	Temperature, water	deg C		Actual					WQS SOP	
LEGACY	Temperature, water	deg C		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1000	ARSENIC DISSOLVED	Sample	Water				N

Description ARSENIC DISSOLVED UG/L AS AS

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Arsenic	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1002	ARSENIC TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Arsenic	ug/l	Total	Actual					206.2	
2001Q1	Arsenic	ug/l	Total	Actual					206.2	
2001Q2	Arsenic	ug/l	Total	Actual					206.2	
2001Q3	Arsenic	ug/l	Total	Actual					206.2	
2001Q4	Arsenic	ug/l	Total	Actual					206.2	
LEGACY	Arsenic	ug/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1003	ARSENIC TOTAL IN SEDIMENT	Sample	Sediment				N

Description ARSENIC IN SEDIMENT MG/KG AS AS DRY WEIGHT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Arsenic	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1005	BARIUM DISSOLVED	Sample	Water				N

Description BARIUM DISSOLVED UG/L AS BA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Barium	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1006	BARIUM SUSPENDED	Sample	Water				N

Description BARIUM SUSPENDED UG/L AS BA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Barium	ug/l	Suspended	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1007	BARIUM TOTAL	Sample	Water				N

Description BARIUM TOTAL UG/L AS BA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Barium	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1010	BERYLLIUM DISSOLVED	Sample	Water				N
Description		BERYLLIUM DISSOLVED UG/L AS BE					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Beryllium	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1012	BERYLLIUM TOTAL	Sample	Water				N
Description		BERYLLIUM TOTAL UG/L AS BE					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Beryllium	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1024	CHROMIUM TOTAL IN SEDIMENT	Sample	Sediment				N
Description		CHROMIUM TOTAL IN SEDIMENT MG/KG WET WEIGHT					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chromium	mg/kg	Total	Actual					SED_WET	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1025	CADMIUM DISSOLVED	Sample	Water				N

Description CADMIUM DISSOLVED UG/L AS CD

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Cadmium	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1027	CADMIUM TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Cadmium	ug/l	Total	Actual					213.2	
2001Q1	Cadmium	ug/l	Total	Actual					213.2	
2001Q2	Cadmium	ug/l	Total	Actual					213.2	
2001Q3	Cadmium	ug/l	Total	Actual					213.2	
2001Q4	Cadmium	ug/l	Total	Actual					213.2	
LEGACY	Cadmium	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1028	CADMIUM TOTAL IN SEDIMENT	Sample	Sediment				N

Description CADMIUM TOTAL IN SEDIMENT MG/KG DRY WEIGHT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Cadmium	mg/kg	Total	Actual					SED_DRY	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1029	CHROMIUM TOTAL IN SEDIMENT	Sample	Sediment				N

Description CHROMIUM TOTAL IN SEDIMENT MG/KG DRY WEIGHT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chromium	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1030	CHROMIUM DISSOLVED	Sample	Water				N

Description CHROMIUM DISSOLVED UG/L AS CR

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chromium	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1032	CHROMIUM HEXAVALENT	Sample	Water				N

Description CHROMIUM HEXAVALENT UG/L AS CR

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chromium, hexavalent	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1034	CHROMIUM TOTAL	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Chromium	ug/l	Total	Actual					200.7(W)	
2001Q1	Chromium	ug/l	Total	Actual					200.8(W)	
2001Q2	Chromium	ug/l	Total	Actual					200.8(W)	
2001Q3	Chromium	ug/l	Total	Actual					200.8(W)	
2001Q4	Chromium	ug/l	Total	Actual					200.8(W)	
LEGACY	Chromium	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1035	COBALT DISSOLVED	Sample	Water				N
Description		COBALT DISSOLVED UG/L AS CO					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Cobalt	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1036	COBALT SUSPENDED	Sample	Water				N
Description		COBALT SUSPENDED UG/L AS CO					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Cobalt	ug/l	Suspended	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1037	COBALT TOTAL	Sample	Water				N
Description		COBALT TOTAL UG/L AS CO					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Cobalt	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1038	COBALT TOTAL IN SEDIMENT	Sample	Sediment				N
Description		COBALT TOTAL IN SEDIMENT MG/KG AS CO DRY WEIGHT					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Cobalt	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1039	COPPER IN SEDIMENT WET WT	Sample	Sediment				N
Description		COPPER TOTAL IN SEDIMENT MG/KG WET WEIGHT					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Copper	mg/kg	Total	Actual					SED_WET	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1040	COPPER DISSOLVED	Sample	Water				N
Description		COPPER DISSOLVED UG/L AS CU					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Copper	ug/l	Dissolved	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
1042	COPPER TOTAL	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Copper	ug/l	Total	Actual					220.2	
2001Q1	Copper	ug/l	Total	Actual					220.2	
2001Q2	Copper	ug/l	Total	Actual					220.2	
2001Q3	Copper	ug/l	Total	Actual					220.2	
2001Q4	Copper	ug/l	Total	Actual					220.2	
LEGACY	Copper	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat				
1043	COPPER IN SEDIMENT DRY WT	Sample	Sediment				N				
Description		COPPER TOTAL IN SEDIMENT DRY WEIGHT									
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
LEGACY	Copper	mg/kg	Total	Actual					SED_DRY		

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
1045	IRON TOTAL	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Iron	ug/l	Total	Actual					200.7(W)	
2001Q1	Iron	ug/l	Total	Actual					200.7(W)	
2001Q2	Iron	ug/l	Total	Actual					200.7(W)	
2001Q3	Iron	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2001Q4	Iron	ug/l	Total	Actual					200.7(W)	
LEGACY	Iron	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1049	LEAD DISSOLVED	Sample	Water				N

Description LEAD DISSOLVED UG/L AS PB

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Lead	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1051	LEAD TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Lead	ug/l	Total	Actual					239.2	
2001Q1	Lead	ug/l	Total	Actual					239.2	
2001Q2	Lead	ug/l	Total	Actual					239.2	
2001Q3	Lead	ug/l	Total	Actual					239.2	
2001Q4	Lead	ug/l	Total	Actual					239.2	
LEGACY	Lead	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1052	LEAD IN SEDIMENT	Sample	Sediment				N

Description LEAD IN SEDIMENT MG/KG AS PB DRY WEIGHT

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Lead	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1053	MANGANESE IN SEDIMENT	Sample	Sediment				N
Description MANGANESE IN SEDIMENT MG/KG MN DRY WEIGHT							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Manganese	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1055	MANGANESE TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Manganese	ug/l	Total	Actual					200.7(W)	
2001Q1	Manganese	ug/l	Total	Actual					200.8(W)	
2001Q2	Manganese	ug/l	Total	Actual					200.8(W)	
2001Q3	Manganese	ug/l	Total	Actual					200.8(W)	
2001Q4	Manganese	ug/l	Total	Actual					200.8(W)	
LEGACY	Manganese	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1056	MANGANESE DISSOLVED	Sample	Water				N
Description MANGANESE DISSOLVED UG/L AS MN							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Manganese	ug/l	Dissolved	Actual					UNKNOWN	
Group ID 1062	Group Name MOLYBDENUM TOTAL	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Molybdenum	ug/l	Total	Actual					UNKNOWN	
Group ID 1065	Group Name NICKEL DISSOLVED	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N
	Description	NICKEL DISSOLVED UG/L AS NI								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nickel	ug/l	Dissolved	Actual					UNKNOWN	
Group ID 1067	Group Name NICKEL TOTAL	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Nickel	ug/l	Total	Actual					200.7(W)	
2001Q1	Nickel	ug/l	Total	Actual					200.8(W)	
2001Q2	Nickel	ug/l	Total	Actual					200.8(W)	
2001Q3	Nickel	ug/l	Total	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2001Q4	Nickel	ug/l	Total	Actual					200.8(W)	
LEGACY	Nickel	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1068	NICKEL TOTAL IN SEDIMENT	Sample	Sediment				N
Description NICKEL TOTAL IN SEDIMENT MG/KG DRY WEIGHT							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nickel	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1075	SILVER DISSOLVED	Sample	Water				N
Description SILVER DISSOLVED UG/L AS AG							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Silver	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1077	SILVER TOTAL	Sample	Water				N
Description SILVER TOTAL UG/L AS AG							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Silver	ug/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1078	SILVER TOTAL IN SEDIMENT	Sample	Sediment				N

Description SILVER TOTAL IN SEDIMENT MG/KG AS AG DRY WEIGHT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Silver	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1087	VANADIUM TOTAL	Sample	Water				N

Description VANADIUM TOTAL UG/L AS V

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Vanadium	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1090	ZINC DISSOLVED	Sample	Water				N

Description ZINC DISSOLVED UG/L AS ZN

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Zinc	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1092	ZINC TOTAL	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Zinc	ug/l	Total	Actual					200.7(W)	
2001Q1	Zinc	ug/l	Total	Actual					200.8(W)	
2001Q2	Zinc	ug/l	Total	Actual					200.8(W)	
2001Q3	Zinc	ug/l	Total	Actual					200.8(W)	
2001Q4	Zinc	ug/l	Total	Actual					200.8(W)	
LEGACY	Zinc	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1093	ZINC TOTAL IN SEDIMENT	Sample	Sediment				N
Description		ZINC TOTAL IN SEDIMENT MG/KG AS ZN DRY WEIGHT					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Zinc	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1097	ANTIMONY TOTAL	Sample	Water				N
Description		ANTIMONY TOTAL UG/L AS SB					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Antimony	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1098	ANTIMONY TOTAL IN SEDIMENT	Sample	Sediment				N

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Description ANTIMONY IN SEDIMENT MG/KG AS SB DRY WEIGHT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Antimony	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
11	WATER TEMP DEG F	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Temperature, water	deg F		Calculated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1102	TIN TOTAL	Sample	Water				N

Description TIN TOTAL UG/L AS SN

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Tin	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1105	ALUMINUM TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Aluminum	ug/l	Total	Actual					200.7(W)	
20001Q1	Aluminum	ug/l	Total	Actual					200.7(W)	
20001Q2	Aluminum	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20001Q3	Aluminum	ug/l	Total	Actual					200.7(W)	
20001Q4	Aluminum	ug/l	Total	Actual					200.7(W)	
LEGACY	Aluminum	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1108	ALUMINUM TOTAL IN SEDIMENT	Sample	Sediment				N
Description		ALUMINUM TOTAL IN SEDIMENT MG/KG AS AL DRY WEIGHT					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Aluminum	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1132	LITHIUM TOTAL	Sample	Water				N
Description		LITHIUM TOTAL UG/L AS LI					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Lithium	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1147	SELENIUM TOTAL	Sample	Water				N
Description		SELENIUM TOTAL UG/L AS SE					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Selenium	ug/l	Total	Actual					UNKNOWN	
Group ID 1148	Group Name SELENIUM TOTAL IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N			
Description		SELENIUM TOTAL IN SEDIMENT MG/KG AS SE DRY WEIGHT								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Selenium	mg/kg	Total	Actual					SED_DRY	
Group ID 1170	Group Name IRON TOTAL IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N			
Description		IRON TOTAL IN SEDIMENT MG/KG AS FE DRY WEIGHT								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Iron	mg/kg	Total	Actual					SED_DRY	
Group ID 1300	Group Name OIL-GREASE SEVERITY	Field Activity Field Msr/Obs	Medium Water	Intent	Community	Result Group	Habitat N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Oil and Grease	None		Actual					GO_SEVERITY	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1305	DETERGENT SUDS SEVERITY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Floating Detergent/Soap - Severity (Choice List)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1315	SLUDGE FLOATING SEVERITY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Sludge, floating - severity (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1325	ALGAE FLOATING MATS SEVERITY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Algae, floating mat - severity (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1330	ODOR ATMOSPHERIC SEVERITY	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Odor severity (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1340	DEAD FISH SEVERITY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Fish Kill, severity (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1345	DEBRIS FLOATING SEVERITY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Floating debris - severity (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1350	TURBIDITY SEVERITY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Turbidity severity (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1351	FLOW SEVERITY	Field Msr/Obs	Water				N

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Description RATED ON A SCALE OF 1 TO 4, 1=LEAST FLOW/DRY 4=HIGHEST FLOW/FLOOD

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Flow, severity (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
20	AIR TEMPERATURE	Field Msr/Obs	Air				N

Citations NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Temperature, air	deg C		Actual					WQS SOP	
2001	Temperature, air	deg C		Actual					WQS SOP	
LEGACY	Temperature, air	deg C		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
204	DEPTH AT WHICH 1% LIGHT REMAIN	Field Msr/Obs	Water				N

Description DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Light attenuation, depth at 99%	m		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
295	DISSOLVED OXYGEN ML/L	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Dissolved oxygen (DO)	ml/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
300	DISSOLVED OXYGEN	Field Msr/Obs	Water				N			
Citations		NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					WQS SOP	
2001	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					WQS SOP	
LEGACY	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
301	DISSOLVED OXYGEN % SATURATION	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Dissolved oxygen saturation	%	Dissolved	Calculated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
308	BOD 20 DAY, N-INHIB	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	BOD, carbonaceous	mg/l	Total	Actual			20 Day	20 Deg C	UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
310	BOD 5 DAY	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31501	COLIFORM TOTAL MF M-ENDO	Sample	Water				N

Description COLIFORM TOTAL MEMBRANE FILTER M-ENDO MEDIUM 35 DEG C

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Total Coliform	#/100ml	Total	Actual					TOTAL_IMM	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31504	TOTAL COLIFORM MF METHOD	Sample	Water				N

Description COLIFORM TOTAL MEMBRANE FILTRATION METHOD LES ENDO AGAR 35C

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Total Coliform	#/100ml	Total	Actual					MICRO	
2001Q1	Total Coliform	#/100ml	Total	Actual					MICRO	
2001Q2	Total Coliform	#/100ml	Total	Actual					MICRO	
2001Q3	Total Coliform	#/100ml	Total	Actual					MICRO	
2001Q4	Total Coliform	#/100ml	Total	Actual					MICRO	
LEGACY	Total Coliform	#/100ml	Total	Actual					TOTAL_IMM_LES	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31505	COLIFORM TOTAL MPN CONFIRMED	Sample	Water				N

Description COLIFORM TOTAL MPN CONFIRMED TEST 35C (TUBE 31506)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Total Coliform	#/100ml	Total	Actual					TOTAL_MPNC ONFRM	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31615	COLIFORM FECAL MPN EC MED 44.5	Sample	Water				N

Description COLIFORM FECAL MPN, EC MEDIUM, 44.5C, (TUBE CONFIGURATION METHOD CODE 31614)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Fecal Coliform	#/100ml	Total	Actual					FEC_MPNEC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31616	FECAL COLIFORM MF METHOD	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Fecal Coliform	#/100ml	Total	Actual					MICRO	
2001Q1	Fecal Coliform	#/100ml	Total	Actual					MICRO	
2001Q2	Fecal Coliform	#/100ml	Total	Actual					MICRO	
2001Q3	Fecal Coliform	#/100ml	Total	Actual					MICRO	
2001Q4	Fecal Coliform	#/100ml	Total	Actual					MICRO	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Fecal Coliform	#/100ml	Total	Actual					FEC_MF	
Group ID 31648	Group Name E COLI MTEC-MF	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N
LEGACY	Escherichia coli	#/100ml	Total	Actual					ECOLI_MFMTE C	
Group ID 31649	Group Name ENTEROCOCCI ME-MF	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N
LEGACY	Enterococcus Group Bacteria	#/100ml	Total	Actual					ENT_MFME	
Group ID 31673	Group Name FECAL STREP MF KF AGAR	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N
	Description FECAL STREPTOCOCCI MEMBRANE FILTER METHOD KF AGAR 35C 48 HOUR									
LEGACY	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					STRP_MKFF	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31679	FECAL STREP MF M-ENTERO AGAR	Sample	Water				N

Description FECAL STREPTOCOCCI MEMBRANE FILTER METHOD M-ENTEROCOCCUS AGAR 53C 48HR

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					STRP_MFENT	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32	CLOUD COVER	Field Msr/Obs	Air				N

Citations NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Cloud cover	%		Actual					WQS SOP	
2001	Cloud cover	%		Actual					WQS SOP	
LEGACY	Cloud cover	%		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32209	CHLOROPHYLL A CORRECTED	Sample	Water				N

Description CHLOROPHYLL A FLUOROMETRIC CORRECTED UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					CHLA_FLUOR	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32210	CHLOROPHYLL A UNCORRECTED	Sample	Water				N

Description CHLOROPHYLL A TRICHROMATIC UNCORRECTED UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					CHLA_TRICH	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32211	CHLOROPHYLL A SPEC ACID METHOD	Sample	Water				N

Description CHLOROPHYLL A SPECTROPHOTOMETRIC ACID. METHOD UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					CHLA_SPEC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32213	PHEOPHYTIN A FLUOR METHOD	Sample	Water				N

Description PHEOPHYTIN A FLUORIMETRIC METHOD UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Pheophytin-a	ug/l	Total	Actual					PHEO_FLUOR	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32217	CHLOROPHYLL A UNCORRECTED	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
LEGACY	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					CHLA_FLUOR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32218	PHEOPHYTIN A SPEC ACID METHOD	Sample	Water				N

Description PHEOPHYTIN A SPECTROPHOTOMETRIC ACID. METHOD UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Pheophytin-a	ug/l	Total	Actual					PHEO_SPEC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32223	CHLOROPHYLL A CORRECTED SPEC	Sample	Water				N

Description CHLOROPHYLL A CORRECTED SPECTROPHOTOMETRIC MG/M2

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlorophyll a, corrected for pheophytin	mg/m2	Total	Actual					CHLA_SPEC	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32224	PHEOPHYTIN A SPEC ACID METHOD	Sample	Water				N

Description PHEOPHYTIN A SPECTROPHOTOMETRIC ACID. METHOD MG/M2

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Pheophytin-a	mg/m2	Total	Actual					PHEO_SPEC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32730	PHENOLS	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Phenols (mixture)	ug/l	Total	Actual					420.1	
2001Q1	Phenols (mixture)	ug/l	Total	Actual					420.1	
2001Q2	Phenols (mixture)	ug/l	Total	Actual					420.1	
2001Q3	Phenols (mixture)	ug/l	Total	Actual					420.1	
2001Q4	Phenols (mixture)	ug/l	Total	Actual					420.1	
LEGACY	Phenols (mixture)	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
335	COD 0.025N K2CR2O7	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					COD_LOW	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
340	COD 0.25N K2CR2O7	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					COD_HIGH	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35	WIND VELOCITY	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Wind velocity	mph		Estimated					WQS SOP	
2001	Wind velocity	mph		Estimated					WQS SOP	
LEGACY	Wind velocity	mph		Estimated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
36	WIND DIRECTION	Field Msr/Obs	Air				N

Citations NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual					WQS SOP	
2001	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual					WQS SOP	
LEGACY	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
37	WIND FORCE	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Wind force, Beaufort scale	None		Estimated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
38260	MBAS	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	MBAS (detergents, surfactants)	mg/l	Total	Actual					425.1	
20001Q1	MBAS (detergents, surfactants)	mg/l	Total	Actual					425.1	
20001Q2	MBAS (detergents, surfactants)	mg/l	Total	Actual					425.1	
20001Q3	MBAS (detergents, surfactants)	mg/l	Total	Actual					425.1	
20001Q4	MBAS (detergents, surfactants)	mg/l	Total	Actual					425.1	
LEGACY	MBAS (detergents, surfactants)	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39061	PENTACHLOROPHENOL IN SEDIMENT	Sample	Sediment				N

Description PCP (PENTACHLORPHENO) IN SEDIMENT DRY SOLIDS UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Pentachlorophenol (PCP)	ug/kg	Total	Actual					SED_DRY	

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Group ID 39064	Group Name CIS CHLORDANE IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N
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Description CHLORDANE CIS ISOMER IN SEDIMENT DRY SOLIDS UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlordane, cis	ug/kg	Total	Actual					SED_DRY	

Group ID 39067	Group Name TRANS CHLORDANE IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N
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Description CHLORDANE TRANS ISOMER IN SEDIMENT DRY SOLIDS UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlordane, trans	ug/kg	Total	Actual					SED_DRY	

Group ID 39073	Group Name TRANS-NONACHLOR IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N
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Description CHLORDANE NONACHLOR TRANS ISOMER IN SEDIMENT UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nonachlor, trans-	ug/kg	Total	Actual					UNKNOWN	

Group ID 39076	Group Name ALPHA BHC IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N
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BHC- ALPHA ISOMER IN SEDIMENT DRY SOLIDS UG/KG

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Description

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	BHC-alpha	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39301	P P' DDT IN SEDIMENT	Sample	Sediment				N

Description P P' DDT IN SEDIMENT DRY WEIGHT UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39306	O P' DDT IN SEDIMENT	Sample	Sediment				N

Description O P' DDT IN SEDIMENT DRY SOLIDS UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDT,o,p'-	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39311	P P' DDD IN SEDIMENT	Sample	Sediment				N

Description P P' DDD IN SEDIMENT DRY SOLIDS UG/KG

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					SED_DRY	
Group ID 39316	Group Name O P' DDD IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community				Result Group	Habitat N
Description O P' DDD IN SEDIMENT DRY SOLIDS UG/KG										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDD, o,p'-	ug/l	Total	Actual					SED_DRY	
Group ID 39321	Group Name P P' DDE IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community				Result Group	Habitat N
Description P P' DDE IN SEDIMENT DRY SOLIDS UG/KG										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					SED_DRY	
Group ID 39328	Group Name O P' DDE IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community				Result Group	Habitat N
Description O P' DDE IN SEDIMENT DR SOLIDS UG/KG										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDE, o,p'-	ug/kg	Total	Actual					SED_DRY	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39330	ALDRIN	Sample	Water				N

Description ALDRIN IN WHOLE WATER SAMPLE UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Aldrin	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39333	ALDRIN IN SEDIMENT	Sample	Sediment				N

Description ALDRIN IN SEDIMENT DRY SOLIDS UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Aldrin	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39348	ALPHA CHLORDANE	Sample	Water				N

Description ALPHA CHLORDANE IN WHOLE WATER SAMPLE UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlordane, cis	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39360	DDD	Sample	Water				N

Description DDD IN WHOLE WATER SAMPLE UG/L

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39365	DDE	Sample	Water				N
Description		DDE IN WHOLE WATER SAMPLE UG/L					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39370	DDT	Sample	Water				N
Description		DDT IN WHOLE WATER SAMPLE UG/L					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39373	DDT IN SEDIMENT	Sample	Sediment				N
Description		DDT IN SEDIMENT DRY SOLIDS UG/KG					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39380	DIELDRIN	Sample	Water				N
Description		DIELDRIN IN WHOLE WATER SAMPLE UG/L					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Dieldrin	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39383	DIELDRIN IN SEDIMENT	Sample	Sediment				N
Description		DIELDRIN IN SEDIMENT DRY SOLIDS UG/KG					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Dieldrin	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39390	ENDRIN	Sample	Water				N
Description		ENDRIN IN WHOLE WATER SAMPLE UG/L					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Endrin	ug/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39393	ENDRIN IN SEDIMENT	Sample	Sediment				N

Description ENDRIN IN SEDIMENT DRY SOLIDS UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Endrin	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39400	TOXAPHENE	Sample	Water				N

Description TOXAPHENE IN WHOLE WATER SAMPLE UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Toxaphene	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39410	HEPTACHLOR	Sample	Water				N

Description HEPTACHLOR IN WHOLE WATER SAMPLE UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Heptachlor	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39420	HEPTACHLOR EPOXIDE	Sample	Water				N

Description HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE UG/L

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Heptachlor epoxide	ug/l	Total	Actual						
Group ID 39480	Group Name METHOXYCHLOR	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N
	Description METHOXYCHLOR IN WHOLE WATER SAMPLE UG/L									
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Methoxychlor	ug/l	Total	Actual					UNKNOWN	
Group ID 39481	Group Name METHOXYCHLOR IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community				Result Group	Habitat N
	Description METHOXYCHLOR IN SEDIMENT DRY SOLIDS UG/KG									
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Methoxychlor	ug/kg	Total	Actual					SED_DRY	
Group ID 39519	Group Name PCBS IN SEDIMENT	Field Activity Sample	Medium Sediment	Intent	Community				Result Group	Habitat N
	Description PCBS IN SEDIMENT DRY SOLIDS UG/KG									
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual					SED_DRY	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39540	PARATHION	Sample	Water				N

Description PARATHION IN WHOLE WATER SAMPLE UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Parathion	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39701	HEXACHLOROBENZENE IN SEDIMENT	Sample	Sediment				N

Description HEXACHLOROBENZENE IN SEDIMENT DRY SOLIDS UG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Hexachlorobenzene	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39750	SEVIN	Sample	Water				N

Description SEVIN IN WHOLE WATER SAMPLE UG/L

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Sevin	ug/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39811	GAMMA CHLORDANE IN SEDIMENT	Sample	Sediment				N

Description GAMMA CHLORDANE IN SEDIMENT DRY SOLIDS UG/KG

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Chlordane, gamma	ug/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
400	PH	Field Msr/Obs	Water				N			
Citations		NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	pH	None	Total	Actual					WQS SOP	
2001	pH	None	Total	Actual					WQS SOP	
LEGACY	pH	None	Total	Actual					PH_FIELD	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
403	PH LAB	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	pH	None	Total	Actual					PH_LAB	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
410	ALKALINITY TOTAL AS CaCO3	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					ACALK_LAB	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
Group ID 415	Group Name ALKALINITY PHENOLPHTHALEIN		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
LEGACY	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					ALK_PHNPHTH	
Group ID 430	Group Name ALKALINITY CARBONATE		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
	Description	ALKALINITY CARBONATE MG/L AS CaCO3								
LEGACY	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					UNKNOWN	
Group ID 431	Group Name ALKALINITY TOTAL FIELD		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
	Description	ALKALINITY TOTAL FIELD MG/L AS CaCO3								
LEGACY	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					ACALK_FIELD	

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Group ID 435	Group Name ACIDITY TOTAL AS CaCO3	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Row ID LEGACY	Characteristic Name Acidity as CaCO3	Unit mg/l	Sample Fraction Total	Value Type Actual	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure ACALK_LAB	Lab Sample Prep. Procedure
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Group ID 436	Group Name ACIDITY MINERAL AS CaCO3	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Description ACIDITY MINERAL METHYL ORANGE AS CaCO3

Row ID LEGACY	Characteristic Name Acidity, Free Mineral (FMA)	Unit mg/l	Sample Fraction Total	Value Type Actual	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure ACALK_LAB	Lab Sample Prep. Procedure
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Group ID 45	Group Name PRECIPITATION 24 HR	Field Activity Field Msr/Obs	Medium Air	Intent	Community	Result Group	Habitat N
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Citations NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID 2000	Characteristic Name Precipitation	Unit in	Sample Fraction	Value Type Actual	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure WQS SOP	Lab Sample Prep. Procedure
Row ID 2001	Characteristic Name Precipitation	Unit in	Sample Fraction	Value Type Actual	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure WQS SOP	Lab Sample Prep. Procedure
Row ID LEGACY	Characteristic Name Precipitation	Unit in	Sample Fraction	Value Type Actual	Statistic Type	Weight Basis	Duration Basis 24 Hours	Temp Basis	Field/Lab Procedure UNKNOWN	Lab Sample Prep. Procedure

Group ID 46570	Group Name HARDNESS CALC FROM MG AND CA	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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HARDNESS CALCULATED FROM MAGNESIUM AND CALCIUM MG/L AS CaCO3

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Description

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Hardness, Ca + Mg	mg/l	Total	Calculated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
480	SALINITY	Field Msr/Obs	Water				N

Citations NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Salinity	ppt	Total	Actual					WQS SOP	
2001	Salinity	ppt	Total	Actual					WQS SOP	
LEGACY	Salinity	ppt	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
49015	TIDE STAGE ELEVATION	Field Msr/Obs	Water				N

Description TIDE STAGE ELEVATION FT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Tide stage	ft		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
500	TOTAL RESIDUE	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Solids, Total	mg/l	Total	Actual					160.3	
2001Q1	Solids, Total	mg/l	Total	Actual					160.3	
2001Q2	Solids, Total	mg/l	Total	Actual					160.3	
2001Q3	Solids, Total	mg/l	Total	Actual					160.3	
2001Q4	Solids, Total	mg/l	Total	Actual					160.3	
LEGACY	Solids, Total	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
50044	HYDROGRAPH LIMB	Field Msr/Obs	Water				N
Description HYDROGRAPH LIMB 1- BASE, 2-RISING, 3-PEAK, 4-FALLING							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Hydrograph Limb (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
50086	SETTLEABLE MATTER	Sample	Water				N
Description SETTLEABLE MATTER ML/L/HR							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Settleable	ml/l	Settleable	Actual					SETT_RATE	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
505	RESIDUE TOTAL VOLATILE	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Volatile	mg/l	Total	Actual					UNKNOWN	
Group ID 510	Group Name RESIDUE TOTAL FIXED		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Fixed	mg/l	Total	Actual					UNKNOWN	
Group ID 515	Group Name RESIDUE TOTAL FILTERABLE		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
	Description	RESIDUE TOTAL FILTERABLE, DRIED AT 105C								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Total	mg/l	Filterable	Actual					RES_105	
Group ID 520	Group Name RESIDUE VOLATILE FILTERABLE		Field Activity Sample	Medium Water	Intent	Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Volatile	mg/l	Filterable	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
525	RESIDUE FIXED FILTERABLE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Fixed	mg/l	Filterable	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
530	SUSPENDED RESIDUE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Solids, Total	mg/l	Suspended	Actual					160.1	
2001Q1	Solids, Total	mg/l	Suspended	Actual					160.1	
2001Q2	Solids, Total	mg/l	Suspended	Actual					160.1	
2001Q3	Solids, Total	mg/l	Suspended	Actual					160.1	
2001Q4	Solids, Total	mg/l	Suspended	Actual					160.1	
LEGACY	Solids, Total	mg/l	Suspended	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
535	RESIDUE VOLATILE NONFILTERABLE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Volatile	mg/l	Non-filterable	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
540	RESIDUE FIXED NONFILTERABLE	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Fixed	mg/l	Non-filterable	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
545	RESIDUE SETTLEABLE ML/L	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Settleable	ml/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
546	RESIDUE SETTLEABLE MG/L	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Settleable	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
550	OIL AND GREASE SOXHLET EXTRACT	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Oil and Grease	mg/l	Total Recovrble	Actual					GO_SOX	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
556	GREASE AND OILS	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Oil and Grease	mg/l	Total	Actual					413.1	
2001Q1	Oil and Grease	mg/l	Total	Actual					1664	
2001Q2	Oil and Grease	mg/l	Total	Actual					1664	
2001Q3	Oil and Grease	mg/l	Total	Actual					1664	
2001Q4	Oil and Grease	mg/l	Total	Actual					1664	
LEGACY	Oil and Grease	mg/l	Total	Actual					GO_FREON	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
59	FLOW RATE INSTANTANEOUS	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Flow	gal/min		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
60	FLOW MEAN DAILY	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Flow	cfs		Calculated	Mean				UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
600	NITROGEN TOTAL	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen ion (N)	mg/l	Total	Actual					UNKNOWN	
Group ID 602	Group Name NITROGEN DISSOLVED	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen ion (N)	mg/l	Dissolved	Actual					UNKNOWN	
Group ID 608	Group Name NITROGEN AMMONIA DISSOLVED	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					UNKNOWN	
Group ID 61	Group Name FLOW INSTANTANEOUS	Field Activity Field Msr/Obs	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Flow	cfs		Actual					UNKNOWN	
Group ID 610	Group Name NITROGEN AMMONIA TOTAL	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
2001Q1	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
2001Q2	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
2001Q3	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
2001Q4	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
LEGACY	Nitrogen, ammonia as N	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
611	NITROGEN AMMONIA IN SEDIMENT	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, ammonia as N	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
615	NITRITE NITROGEN TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					NO2_AS_N	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
619	AMMONIA UNIONIZED CALCULATED	Sample	Water				N

Description AMMONIA UNIONIZED CALCULATED FROM TEMPERATURE, PH, AND NH4

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Ammonia, unionized	mg/l	Total	Calculated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
620	NITRATE NITROGEN TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					NO3_ASN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
625	NITROGEN KJELDAHL TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
2001Q1	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
2001Q2	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
2001Q3	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
2001Q4	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
LEGACY	Nitrogen, Kjeldahl	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
626	NITROGEN ORG KJELDAHL IN SED	Sample	Sediment				N

Description NITROGEN ORGANIC KJELDAHL IN SEDIMENT, MG/KG N DRY WEIGHT

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, organic	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
627	NITROGEN TOTAL KJELDAHL IN SED	Sample	Sediment				N
Description NITROGEN TOTAL KJELDAHL IN SEDIMENT, MG/KG DRY WEIGHT							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, Kjeldahl	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
630	NITRITE PLUS NITRATE TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
2001Q1	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
2001Q2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
2001Q3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
2001Q4	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
LEGACY	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
633	NITRITE PLUS NITRATE IN SED	Sample	Sediment				N

Description NITRITE PLUS NITRATE IN SEDIMENT, MG/KG N DRY WEIGHT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
64	MEAN STREAM DEPTH	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Depth, bottom	ft		Actual	Mean				UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
65	STREAM STAGE	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Stream stage height	ft		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
650	PHOSPHATE TOTAL	Sample	Water				N

Description PHOSPHATE TOTAL MG/L AS PO4

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphate	mg/l	Total	Actual					UNKNOWN	
Group ID 653	Group Name PHOSPHATE TOTAL SOLUBLE	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphate	mg/l	Acid Soluble	Actual					UNKNOWN	
Group ID 655	Group Name PHOSPHATE POLY	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N			
Description PHOSPHATE POLY TOTAL MG/L AS PO4										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphorus, polyphosphate as PO4	mg/l	Total	Actual					UNKNOWN	
Group ID 660	Group Name ORTHOPHOSPHATE	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N			
Description ORTHOPHOSPHATE MG/L AS PO4										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
665	PHOSPHORUS TOTAL	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Phosphorus as P	mg/l	Total	Actual					365.1	
2001Q1	Phosphorus as P	mg/l	Total	Actual					365.1	
2001Q2	Phosphorus as P	mg/l	Total	Actual					365.1	
2001Q3	Phosphorus as P	mg/l	Total	Actual					365.1	
2001Q4	Phosphorus as P	mg/l	Total	Actual					365.1	
LEGACY	Phosphorus as P	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
666	PHOSPHORUS DISSOLVED	Sample	Water				N			
Description		PHOSPHORUS DISSOLVED MG/L AS P								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphorus as P	mg/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
668	PHOSPHORUS TOTAL IN SEDIMENT	Sample	Sediment				N			
Description		PHOSPHORUS TOTAL IN SEDIMENT MG/KG-P DRY WEIGHT								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphorus as P	mg/kg	Total	Actual					SED_DRY	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67	TIDE STAGE	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Tide stage (choice list)								UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
671	ORTHOPHOSPHATE DISSOLVED	Sample	Water				N

Description PHOSPHORUS DISSOLVED ORTHOPHOSPHATE MG/L AS P

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
680	TOTAL ORGANIC CARBON	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
2001Q1	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
2001Q2	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
2001Q3	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
2001Q4	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
LEGACY	Carbon, Total Organic (Toc)	mg/l	Total	Actual					UNKNOWN	

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Group ID 681	Group Name DISSOLVED ORGANIC CARBON	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Description DISSOLVED ORGANIC CARBON MG/L AS C

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					UNKNOWN	

Group ID 685	Group Name TOTAL INORGANIC CARBON	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Description CARBON TOTAL INORGANIC MG/L AS C

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Carbon, Total Inorganic	mg/l	Total	Actual					UNKNOWN	

Group ID 70	Group Name TURBIDITY JCU	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Turbidity	JCU	Total	Actual					UNKNOWN	

Group ID 70300	Group Name RESIDUE TOTAL FILTERABLE	Field Activity Sample	Medium Water	Intent	Community	Result Group	Habitat N
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Description RESIDUE TOTAL FILTERABLE DRIED AT 180C MG/L

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Solids, Fixed	mg/l	Filterable	Actual					RES_180	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70305	SALINITY CALC FROM CONDUCT	Field Msr/Obs	Water				N

Description SALINITY CALCULATED FROM CONDUCTIVITY

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Salinity	g/l		Calculated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70507	PHOSPHORUS IN TOTAL ORTHOPO4	Sample	Water				N

Description PHOPHORUS IN TOTAL ORTHOPHOSPHATE MG/L AS P

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphorus, orthophosphate as P	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70511	ORTHOPHOSPHATE IN SEDIMENT	Sample	Sediment				N

Description ORTHOPHOSPHATE IN SEDIMENT DRY WEIGHT MG/KG AS P

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Phosphorus, orthophosphate as P	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71210	ENTEROCOCCI	Sample	Water				N
Description		ENTEROCOCCI NUMBER/ML					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Enterococcus Group Bacteria	#/ml	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71850	NITRATE NITROGEN TOTAL	Sample	Water				N
Description		NITRATE NITROGEN TOTAL MG/L AS NO3					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					NO3_ASNO3	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71855	NITRITE NITROGEN TOTAL	Sample	Water				N
Description		NITRITE NITROGEN TOTAL MG/L AS NO2					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					NO2_AS_NO2	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71880	FORMALDEHYDE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Formaldehyde	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71890	MERCURY DISSOLVED	Sample	Water				N

Description MERCURY DISSOLVED UG/L AS HG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Mercury	ug/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71900	MERCURY TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Mercury	ug/l	Total	Actual					245.1	
2001Q1	Mercury	ug/l	Total	Actual					245.1	
2001Q2	Mercury	ug/l	Total	Actual					245.1	
2001Q3	Mercury	ug/l	Total	Actual					245.1	
2001Q4	Mercury	ug/l	Total	Actual					245.1	
LEGACY	Mercury	ug/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71920	MERCURY TOTAL IN SED WET WT	Sample	Sediment				N

Description MERCURY TOTAL IN SEDIMENT OR PULP WET WEIGHT MG/KG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Mercury	mg/kg	Total	Actual					SED_WET	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71921	MERCURY TOTAL IN SED DRY WT	Sample	Sediment				N

Description MERCURY TOTAL IN SEDIMENT DRY WEIGHT MG/KG AS HG

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Mercury	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
720	CYANIDE TOTAL	Sample	Water				N

Description CYANIDE TOTAL MG/L AS CN

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Cyanide	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
72025	DEPTH OF POND OR RESERVOIR	Field Msr/Obs	Water				N

Description DEPTH OF POND OR RESERVOIR IN FEET

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Description

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Depth, bottom	ft		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
72034	FLOW INSTANT. SPILLWAY DISCHRG	Field Msr/Obs	Water				N

Description INSTANTANEOUS FLOW SPILLWAY DISCHARGE CFS

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Flow	cfs		Actual					FLOW_SPLWY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
740	SULFITE	Sample	Water				N

Description SULFITE MG/L AS SO3

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Sulfite (SO3) as SO3	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
745	SULFIDE TOTAL	Sample	Water				N

Description SULFIDE TOTAL MG/L AS S

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Sulfide	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
76	TURBIDITY FTU	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Turbidity	FTU	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
77	SECCHI TRANSPARENCY INCHES	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Depth, Secchi Disk Depth	in		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
78	SECCHI TRANSPARENCY	Field Msr/Obs	Water				N

Citations NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Depth, Secchi Disk Depth	m		Actual					WQS SOP	
2001	Depth, Secchi Disk Depth	m		Actual					WQS SOP	
LEGACY	Depth, Secchi Disk Depth	m		Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
80	COLOR TRUE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Color, True	PCU		Actual					110.2	
2001Q1	Color, True	PCU		Actual					110.2	
2001Q2	Color, True	PCU		Actual					110.2	
2001Q3	Color, True	PCU		Actual					110.2	
2001Q4	Color, True	PCU		Actual					110.2	
LEGACY	Color, True	PCU		Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
81647	REFERENCE POINT READING	Field Msr/Obs	Water				N

Description MEASUREMENT IN LINEAR FEET FROM A REFERENCE POINT TO WATER SURFACE

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Water level reference point elevation	ft		Actual					REF_POINT	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82	COLOR AT PH=7.6	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Color, True	ADMI value		Actual					CLR_PH76	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82028	RATIO OF FEC COLI TO FEC STREP	Sample	Water				N

Description RATION OF FECAL COLIFORM TO FECAL STREPTOCOCCI (CAL)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Coliform/Strep Ratio, Fecal	None		Calculated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82079	TURBIDITY LAB	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Turbidity	NTU	Total	Actual					180.1	
2001Q1	Turbidity	NTU	Total	Actual					180.1	
2001Q2	Turbidity	NTU	Total	Actual					180.1	
2001Q3	Turbidity	NTU	Total	Actual					180.1	
2001Q4	Turbidity	NTU	Total	Actual					180.1	
LEGACY	Turbidity	NTU	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82242	ACIDITY TOTAL FIELD	Sample	Water				N

Description ACIDITY TOTAL FIELD TITRATION MG/L AS CaCO3

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Acidity as CaCO3	mg/l	Total	Actual					ACALK_FIELD	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82243	ACIDITY MINERAL FIELD	Sample	Water				N

Description ACIDITY MINERAL METHYL ORANGE FIELD TITRATION MG/L AS CaCO3

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Acidity, Free Mineral (FMA)	mg/l	Total	Actual					ACALK_FIELD	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82244	ALKALINITY PHENOLPHTHLN FIELD	Sample	Water				N

Description ALKALINITY PHEOLPHTHALEIN FIELD TITRATION MG/L AS CaCO3

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					ALK_PHFIELD	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
83	COLOR AT SAMPLE PH	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Color, True	ADMI value		Actual					CLR_PHSAMP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
900	HARDNESS TOTAL	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
2001Q1	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
2001Q2	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
2001Q3	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
LEGACY	Hardness, Ca + Mg	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
916	CALCIUM TOTAL	Sample	Water				N
Description		CALCIUM TOTAL MG/L AS CA					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Calcium	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
924	MAGNESIUM TOTAL IN SEDIMENT	Sample	Sediment				N
Description		MAGNESIUM TOTAL IN SEDIMENT MG/KG AS MG DRY WEIGHT					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Magnesium	mg/kg	Total	Actual					SED_DRY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
927	MAGNESIUM TOTAL	Sample	Water				N
Description		MAGNESIUM TOTAL MG/L AS MG					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Magnesium	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
929	SODIUM TOTAL	Sample	Water				N			
Description		SODIUM TOTAL MG/L AS NA								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Sodium	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
937	POTASSIUM TOTAL	Sample	Water				N			
Description		POTASSIUM TOTAL MG/L AS K								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Potassium	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
94	SPECIFIC CONDUCTANCE	Field Msr/Obs	Water				N			
Citations		NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All								

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Specific conductance	umho/cm	Total	Actual					WQS SOP	
2001	Specific conductance	umho/cm	Total	Actual					WQS SOP	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Specific conductance	umho/cm	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
940	CHLORIDE TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Chloride	mg/l	Total	Actual					325.3	
2001Q1	Chloride	mg/l	Total	Actual					325.3	
2001Q2	Chloride	mg/l	Total	Actual					325.3	
2001Q3	Chloride	mg/l	Total	Actual					325.3	
2001Q4	Chloride	mg/l	Total	Actual					325.3	
LEGACY	Chloride	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
945	SULFATE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
2001Q1	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
2001Q2	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
2001Q3	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
2001Q4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
LEGACY	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
95	SPECIFIC CONDUCTANCE LAB	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Specific conductance	umho/cm		Actual				25 Deg C	UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
950	FLUORIDE DISSOLVED	Sample	Water				N

Description FLUORIDE DISSOLVED MG/L AS F

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Fluorides	mg/l	Dissolved	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
951	FLUORIDE TOTAL	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2000	Fluorides	mg/l	Total	Actual					340.2	
2001Q1	Fluorides	mg/l	Total	Actual					340.2	
2001Q2	Fluorides	mg/l	Total	Actual					340.2	
2001Q3	Fluorides	mg/l	Total	Actual					340.2	
2001Q4	Fluorides	mg/l	Total	Actual					340.2	
LEGACY	Fluorides	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
997	ARSENIC TOTAL INORGANIC	Sample	Water				N

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Description ARSENIC TOTAL INORGANIC UG/L AS AS

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEGACY	Arsenic, Inorganic	ug/l	Total	Actual					UNKNOWN	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10	Water Temperature	Field Msr/Obs	Water				N

Citations WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Temperature, water	deg C		Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1002	Arsenic Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Arsenic	ug/l	Total	Actual					206.2	
20041104	Arsenic	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1007	Barium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Barium	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1012	Beryllium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Beryllium	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20070102	Beryllium	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1027	Cadmium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Cadmium	ug/l	Total	Actual					213.2	
20041104	Cadmium	ug/l	Total	Actual					200.8(W)	
20070102	Cadmium	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1034	Chromium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Chromium	ug/l	Total	Actual					200.8(W)	
20070102	Chromium	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1037	Cobalt Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Cobalt	ug/l	Total	Actual					200.7(W)	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1042	Copper Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Copper	ug/l	Total	Actual					220.2	
20041104	Copper	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1045	Iron Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Iron	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1051	Lead Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Lead	ug/l	Total	Actual					239.2	
20041104	Lead	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1055	Manganese Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Manganese	ug/l	Total	Actual					200.8(W)	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1067	Nickel Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Nickel	ug/l	Total	Actual					200.8(W)	
20041104	Nickel	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1077	Silver Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Silver	ug/l	Total	Actual					272.2	
20041104	Silver	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1087	Vanadium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Vanadium	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1092	Zinc Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Zinc	ug/l	Total	Actual					200.8(W)	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1105	Aluminum Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Aluminum	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1147	Selenium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Selenium	ug/l	Total	Actual					200.8(W)	
20041104	Selenium	ug/l	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1305	Detergent Suds Severity	Field Msr/Obs	Water				N

Description Scale 0-4; 0- None, 1- Mild, 2- Moderate, 3- Serious, 4- Extreme

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Floating Detergent/Soap - Severity (Choice List)								WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1350	Turbidity Severity	Field Msr/Obs	Water				N

Description Scale 0-4; 0- None, 1- Mild, 2- Moderate, 3- Serious, 4- Extreme

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Turbidity severity (choice list)								WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1351	Stream Flow Severity	Field Msr/Obs	Water				N
Description		Scale of 1-4; 1-Dry, 2- Low, 3-Normal, 4-Flood					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Flow, severity (choice list)								WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
20	Air Temperature	Field Msr/Obs	Air				N
Citations		WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Temperature, air	deg C		Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
300	Dissolved Oxygen	Field Msr/Obs	Water				N
Citations		WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					WQS SOP	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
310	BOD 5 Day	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	5210-B	
20010313	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day	20 Deg C	5210-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31504	Coliform Total MF	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Total Coliform	#/100ml	Total	Actual					9222-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31616	Fecal Coliform MF	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Fecal Coliform	#/100ml	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32	Cloud Cover	Field Msr/Obs	Air				N

Citations WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Cloud cover	%		Estimated					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32730	Phenols	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Phenols (mixture)	ug/l	Total	Actual					420.1	
20010330	Phenols (mixture)	ug/l	Total	Actual					420.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
335	COD low level	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					5220-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35	Wind Velocity	Field Msr/Obs	Air				N

Citations WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Wind velocity	mph		Estimated					WQS SOP	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
36	Wind Direction from North	Field Msr/Obs	Air				N

Citations WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Wind direction (direction from, expressed 0-360 deg)	Deg		Estimated					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
38260	MBAS	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	MBAS (detergents, surfactants)	mg/l	Total	Actual					425.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
400	pH- Field	Field Msr/Obs	Water				N

Citations WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	pH	None	Total	Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
410	Alkalinity Total as CaCO3	Sample	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
Group ID 435	Group Name Acidity Total as CaCO3	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Acidity as CaCO3	mg/l	Total	Actual					305.1	
Group ID 45	Group Name Precipitation 24 hr	Field Activity Field Msr/Obs	Medium Air	Intent		Community			Result Group	Habitat N
Citations		WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All								
Description		Precipitation in previous 24 hours								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Precipitation	in		Estimated			24 Hours		WQS SOP	
Group ID 480	Group Name Salinity	Field Activity Field Msr/Obs	Medium Water	Intent		Community			Result Group	Habitat N
Citations		WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Salinity	ppth	Total	Actual					WQS SOP	

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NCDENR-DWQ (2nd)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
500	Residue Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Solids, Total	mg/l	Total	Actual					160.3	
20010313	Solids, Total	mg/l	Total	Actual					160.3	
20070601	Solids, Total	mg/l	Total	Actual					2540-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
505	Residue Total Volatile	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Solids, Volatile	mg/l	Total	Actual					160.4	
20010313	Solids, Volatile	mg/l	Total	Actual					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
530	Residue Total Nonfilterable	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					160.1	
20010313	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					160.2	
20011025	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					160.2	
20070601	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					2540-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
535	Residue Volatile Nonfilterable	Sample	Water				N

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Solids, Volatile	mg/l	Non-filterable	Actual					160.4	
20010313	Solids, Volatile	mg/l	Non-filterable	Actual					160.4	
20011025	Solids, Volatile	mg/l	Non-filterable	Actual					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
540	Residue Fixed Nonfilterable	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Solids, Fixed	mg/l	Non-filterable	Actual					160.4	
20010313	Solids, Fixed	mg/l	Non-filterable	Actual					160.4	
20011025	Solids, Fixed	mg/l	Non-filterable	Actual					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
556	Oil and Grease	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Oil and Grease	mg/l	Total	Actual					413.1	
20010724	Oil and Grease	mg/l	Total	Actual					OIL_GREASE	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
61	Stream Flow- Inst.	Field Msr/Obs	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Flow	cfs		Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
610	Ammonia Nitrogen	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
20010313	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
20010330	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
20010724	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
625	Total Kjeldahl Nitrogen	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
20010313	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
20010330	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
20010724	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
630	Nitrate plus Nitrate as N	Sample	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
20010313	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
20010330	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
20010724	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
64	Mean Depth to Stream	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Depth, bottom	ft		Actual	Mean				WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
65	Stream Stage	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Stream stage height	ft		Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
665	Total Phosphorous as P	Sample	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Phosphorus as P	mg/l	Total	Actual					365.1	
20010313	Phosphorus as P	mg/l	Total	Actual					365.1	
20010330	Phosphorus as P	mg/l	Total	Actual					365.1	
20010724	Phosphorus as P	mg/l	Total	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
680	Total Organic Carbon	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
20030128	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70300	Total Dissolved Solids	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20010330	Solids, Dissolved	mg/l	Total	Actual					160.1	
20070601	Solids, Dissolved	mg/l	Total	Actual					2540-C	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70507	Phosphorus in Total OrthoPO4	Sample	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.2	
20010724	Phosphorus, orthophosphate as P	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70953	Chlorophyll a	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20010313	Chlorophyll a, free of pheophytin	ug/l		Actual					445	
20010313R2	Chlorophyll a, free of pheophytin	ug/l		Actual					445	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71880	Formaldehyde	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Formaldehyde	ug/l	Total	Actual					FORMALDEHYDE	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71900	Mercury Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Mercury	ug/l	Total	Actual					245.1	

Characteristic Group Details

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NCDENR-DWQ (2nd)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
720	Cyanide Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Cyanide	mg/l	Total	Actual					335.2	
20010724	Cyanide	mg/l	Total	Actual					335.2	
20020422	Cyanide	mg/l	Total	Actual					335.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
72034	Flow Instant. Spillway Dischar	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Flow	cfs		Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
78	Secchi Transparency	Field Msr/Obs	Water				N

Citations WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Depth, Secchi Disk Depth	m		Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
80	Color True	Sample	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Color, True	PCU		Actual					110.2	
20010313	Color, True	PCU	Total	Actual					110.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
81647	Reference Point Reading	Field Msr/Obs	Water				N

Description Measurement in linear ft from a Reference Point to Water Surface

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Water level reference point elevation	ft		Actual					WQS SOP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82	Color at pH=7.6	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Color, True	ADMI value		Actual					COLOR_PH7.6	
20010313	Color, True	ADMI value Total		Actual					COLOR_PH7.6	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82079	Turbidity Lab	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Turbidity	NTU	Total	Actual					180.1	

Characteristic Group Details

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21NC02WQ

NCDENR-DWQ (2nd)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82244	Alkalinity Field	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Alkalinity, Carbonate as CaCO3	mg/l		Actual					ACALK_FIELD	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
83	Color at Sample pH	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Color, True	ADMI value		Actual					COLOR_SAMP LE PH	
20010313	Color, True	ADMI value Total		Actual					COLOR_SAMP LE PH	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
900	Hardness Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
20011025	Hardness, Ca + Mg	mg/l	Total	Actual					HARDNESS_C AL	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
916	Calcium Total	Sample	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Calcium	mg/l	Total	Actual					200.7(W)	
20010313	Calcium	mg/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
927	Magnesium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Magnesium	mg/l	Total	Actual					200.7(W)	
20010313	Magnesium	mg/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
929	Sodium Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Sodium	mg/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
94	Specific Conductance	Field Msr/Obs	Water				N

Citations WQS SOP - NC DWQ Water Quality Section, 1996, Standard Operating Procedures Manual Physical and Chemical Monitoring, NC DWQ Water Quality Section, All

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MODERN	Specific conductance	umho/cm	Total	Actual				25 Deg C	WQS SOP	

Characteristic Group Details

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21NC02WQ

NCDENR-DWQ (2nd)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
940	Chloride Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Chloride	mg/l	Total	Actual					325.3	
20030220	Chloride	mg/l	Total	Actual					325.3	
20070321	Chloride	mg/l	Total	Actual					300(A)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
945	Sulfate Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
20070321	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
95	Specific Conductance Lab	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Specific conductance	umho/cm		Actual				25 Deg C	120.1	
20010313	Specific conductance	umho/cm		Actual				25 Deg C	120.1	
20010330	Specific conductance	umho/cm		Actual				25 Deg C	120.1	
20010724	Specific conductance	umho/cm		Actual				25 Deg C	120.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
951	Fluoride Total	Sample	Water				N

Characteristic Group Details

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NCDENR-DWQ (2nd)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19970101	Fluorides	mg/l	Total	Actual					340.2	
20020613	Fluorides	mg/l	Total	Actual					340.2	
20070321	Fluorides	mg/l	Total	Actual					300(A)	

Characteristic Group Details

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21NCBCH

North Carolina Shellfish Sanitation Section

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NCBCG01	NC Basic Characteristic Infor	Sample	Water				N
Citations	ASTMD6503-99 - IDEXX, 2004, Enterolert testing method for enterococcus bacteria, coastal recreational water quality, IDEXX, 12 111						
Description	Enterococcus is the bacterial indicator used for issuing advisories.						

Characteristic Group Details

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21NDHDWQ

North Dakota Department of Health

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HGHAB	High Gradient Habitat Assess	Field Msr/Obs					Y

Citations USEPA, 1999, Rapid Bioassessment Protocols for Wadeable Streams and Rivers: Periphyton, Benthic Macroinvertebrates, and Fish, 2nd ed, USEPA, EPA 841/B-99-002

Row ID	Characteristic Name	Description
1	Epifaunal Sub/Available Cover	High Gradient
10	Veg Protection (Left Bank)	High Gradient
11	Veg Protection (Right Bank)	High Gradient
12	Rip Veg Zone Width (Left Bank)	High Gradient
13	Rip Veg Zone Width Right Bank	High Gradient
2	Embeddedness	High Gradient
3	Instream Cover (Fish)	High Gradient
4	Sediment Deposition	High Gradient
5	Channel Flow Status	High Gradient
6	Channel Alteration	High Gradient
7	Frequency of Riffles (Bends)	High Gradient
8	Bank Stability (Left Bank)	High Gradient
9	Bank Stability (Right Bank)	High Gradient

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGHAB	Low Gradient Habitat Assess	Field Msr/Obs					Y

Citations USEPA, 1999, Rapid Bioassessment Protocols for Wadeable Streams and Rivers: Periphyton, Benthic Macroinvertebrates, and Fish, 2nd ed, USEPA, EPA 841/B-99-002

Row ID	Characteristic Name	Description
14	Epifaunal Sub/Available Cover	Low Gradient
15	Pool Sub Characterization	Low Gradient
16	Pool Variability	Low Gradient
17	Sediment Deposition	Low Gradient

Characteristic Group Details

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21NDHDWQ **North Dakota Department of Health**

Row ID	Characteristic Name	Description
18	Channel Flow Status	Low Gradient
19	Channel Alteration	Low Gradient
20	Channel Sinuosity	Low Gradient
21	Bank Stability (Left Bank)	Low Gradient
22	Bank Stability (Right Bank)	Low Gradient
23	Veg Protection (Left Bank)	Low Gradient
24	Veg Protection (Right Bank)	Low Gradient
25	Rip Veg Zone Width (Left Bank)	Low Gradient
26	Rip Veg Zone Width Right Bank	Low Gradient

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NITROGEN	Total Nitrogen	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DISS N	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Dissolved	Actual					UNKOWN	
TOTAL N	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Actual					UNKOWN	

Characteristic Group Details

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21NEB001

Nebraska Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMBPEST	Amb. Stream Chemical Methods	Sample	Water				N

Citations John Bender, 1998, DEQ SOP, NDEQ, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 100.00000 mg/l								
ATRAZINE	Atrazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
CONDUCT	Specific conductance	umho/cm	Total	Actual	Maximum				120.1	
	Acceptable Range	0.00000 - 25,000.00000 umho/cm								
CYANAZIN	Cyanazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
DO2	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Maximum				360.2	
	Acceptable Range	0.00000 - 30.00000 mg/l								
FECAL	Fecal Coliform	cfu/100ml	Filterable	Estimated					F488	200.2
	Acceptable Range	0.00000 - 10,000,000.00000 cfu/100ml								
METOLACH	Metolachlor	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500.00000 ug/l								
PH	pH	None	Total	Actual	Maximum				150.1	
	Acceptable Range	0.00000 - 12.00000 None								
TEMPC	Temperature, water	deg C		Actual	Maximum				170.1	
	Acceptable Range	0.00000 - 150.00000 deg C								
TSS	Solids, Fixed	mg/l	Total	Actual	Maximum				160.2	200.2
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	
	Acceptable Range	0.00000 - 5,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTPEST	Bacteria & Pesticide Sampling	Sample	Water				N

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Citations John Bender, 1998, DEQ SOP, NDEQ, 1
Description Ambient bacteria and pesticide sampling

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALACHLOR	Alachlor	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.05000 - 100,000.00000 ug/l								
ATRAZINE	Atrazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.05000 - 500,000.00000 ug/l								
CYANAZIN	Cyanazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.05000 - 500,000.00000 ug/l								
ENTEROCO	Enterococcus Group Bacteria	#/100ml	Filterable	Estimated	Maximum				1106.1	200.2
	Acceptable Range	0.00000 - 20,000,000.00000 #/100ml								
FECAL	Fecal Coliform	#/100ml	Filterable	Estimated			96 Hours	25 Deg C	F488	200.2
	Acceptable Range	0.00000 - 10,000,000.00000 #/100ml								
METOLACH	Metolachlor	ug/l	Total	Actual	Maximum				525.2	P-010-1
	Acceptable Range	0.00000 - 500.00000 ug/l								
TURBIDITY	Turbidity	NTU	Total	Actual	Maximum				180.1	
	Acceptable Range	0.00000 - 5,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIOLOGIC	Biological Sample methods	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N
	Citations	USEPA, 1993, Fish Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters., USEPA, EPA 600/R-92-111					
	Description	Fish and Macroinvertebrate sampling in streams of Nebraska					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BPST2001	Bacteria & Pesticides 2001	Sample	Water				N
	Description	This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALACHLOR	Alachlor	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.05000 - 100,000.00000 ug/l								
ATRAZINE	Atrazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.05000 - 500,000.00000 ug/l								
CONDUCT	Specific conductance	umho/cm	Total	Actual	Maximum				120.1	
	Acceptable Range	0.00000 - 25,000.00000 umho/cm								
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Maximum				360.2	
	Acceptable Range	0.00000 - 30.00000 mg/l								
METOLACHLOR	Metolachlor	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500.00000 ug/l								
PH	pH	None	Total	Actual	Maximum				150.1	
	Acceptable Range	0.00000 - 12.00000 None								
TEMPC	Temperature, water	deg C		Actual	Maximum	Wet			170.1	
	Acceptable Range	0.00000 - 150.00000 deg C								
TURBIDITY	Turbidity	NTU	Total	Actual	Maximum				180.1	3510-C
	Acceptable Range	0.00000 - 200.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BUGS	Bugs Benthic	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Single Taxon Individuals	N
	Citations	USEPA, 1990, Macroinvertebrate field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters., USEPA, EPA 600/4-90-030					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LIFESTAG	Lifestage (choice list)									
SEX	Sex (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELDBAC	Bacteria & Pesticide in Field	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CONDUCT	Specific conductance Acceptable Range	umho/cm	Total	Actual	Maximum				120.1	
DISCHARG	Flow Acceptable Range	cfs		Calculated	Maximum				DISCHARGE	
DO2	Dissolved oxygen (DO) Acceptable Range	mg/l	Dissolved	Actual	Maximum				360.2	
PH	pH Acceptable Range	None	Total	Actual					150.1	
TEMPC	Temperature, water Acceptable Range	deg C		Actual	Maximum				170.1	
TURBIDITY	Turbidity Acceptable Range	NTU	Total	Actual	Maximum				180.1	
WINDDIR	Wind direction (direction from, expressed 0-360 deg) Acceptable Range	Deg		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GENERIC	DEQ PARAMETER CHARACTERISTICS	Sample	Water				N

Citations SURFACE WATER SECTION, 1995, S.O.P. on the Development of Data Quality Objectives., Nebraska Department of Environmental Quality, 1

Description This group was created by saving the Characteristics defined for the backlog of data from 1998-2003. Should contain all characteristics used during that time. Made on September 23, 2004 by Dave Ihrie.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2,4-D	2,4-D, Dichlorophenoxyacetic acid Acceptable Range	ug/l	Dissolved	Estimated	Maximum				525.2	
ALACHLOR	Alachlor Acceptable Range	ug/l	Total	Actual						200.2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALINITY	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual	Maximum				310.1	200.2
	Acceptable Range	0.00000 - 20,000.00000 mg/l								
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual	Maximum				350.1	
	Acceptable Range	0.00000 - 500.00000 mg/l								
ARSENIC	Arsenic	ug/l	Dissolved	Actual					206.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
ATRAZINE	Atrazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
CADMIUM	Cadmium	ug/l	Total	Actual					213.1	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
CALCIUM	Calcium	mg/l	Dissolved	Actual					215.1	
	Acceptable Range	0.00000 - 500,000.00000 mg/l								
CHLOR A	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Calculated	Maximum				10200-H	CHLOROPHYLL A
	Acceptable Range	0.00000 - 25,000,000.00000 mg/m3								
CHLORIDE	Chloride	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 500,000.00000 mg/l								
CONDUCT	Specific conductance	umho/cm	Total	Actual					120.1	
	Acceptable Range	0.00000 - 25,000.00000 umho/cm								
CYANAZIN	Cyanazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
DEPTHFT	Depth	ft		Actual	Maximum					
	Acceptable Range	0.00000 - 250.00000 ft								
DISCHARG	Flow	cfs		Actual					DISCHARGE	
	Acceptable Range	0.00000 - 2,000,000.00000 cfs								
DO2	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Maximum				360.2	
	Acceptable Range	0.00000 - 30.00000 mg/l								
ELEVATIO	Elevation, MSL	ft		Actual	Maximum				EPA1990MACR OFLD	
	Acceptable Range	0.00000 - 250,000.00000 ft								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
E_COLI	Escherichia	cfu/100ml		Actual						
	Acceptable Range	0.00000 - 2,000,000.00000 cfu/100ml								
FECAL	Fecal Coliform	cfu/100ml	Filterable	Estimated					F488	200.2
	Acceptable Range	0.00000 - 1,000,000.00000 cfu/100ml								
KJELDAHL	Nitrogen, Kjeldahl	mg/l	Total	Actual	Maximum				351.2	200.2
	Acceptable Range	0.00000 - 100.00000 mg/l								
MAGNESIUM	Magnesium	mg/l	Total	Actual					242.1	
METOLACH	Metolachlor	ug/l		Actual						
	Acceptable Range	0.00000 - 100.00000 ug/l								
NH3	Nitrogen, Ammonia + Organic	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 500.00000 mg/l								
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 500.00000 mg/l								
ORTHOPH	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.5	
	Acceptable Range	0.00000 - 500.00000 mg/l								
P	Phosphorus as P	mg/l	Total	Actual					365.4	
	Acceptable Range	0.00000 - 500.00000 mg/l								
PH	pH	None	Total	Actual	Maximum				150.1	
	Acceptable Range	1.00000 - 12.00000 None								
SECCHI	Depth, Secchi Disk Depth	m		Actual	Maximum					
	Acceptable Range	0.00000 - 100.00000 m								
TEMPC	Temperature, water	deg C		Actual	Maximum				170.1	
	Acceptable Range	0.00000 - 150.00000 deg C								
TSS	Solids, Fixed	mg/l	Suspended	Actual	Maximum				160.2	200.2
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	
	Acceptable Range	0.00000 - 5,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LAKES	Lake Parameters	Sample	Water				N			
Citations		SURFACE WATER SECTION, 1995, S.O.P. on the Development of Data Quality Objectives., Nebraska Department of Environmental Quality, 1								
Description		Common methods used for lake samples and analysis								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2,4-D	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
ALACHLOR	Alachlor	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
ALKALIN	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual	Maximum				310.1	
	Acceptable Range	0.00000 - 5,000.00000 mg/l								
ATRAZINE	Atrazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
CHLORA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Filterable	Calculated	Maximum				10200-H	CHLOROPHYLL A
	Acceptable Range	0.00000 - 25,000,000.00000 mg/m3								
CONDUCT	Specific conductance	umho/cm	Total	Actual	Maximum				120.1	
	Acceptable Range	0.00000 - 25,000.00000 umho/cm								
CYANAZIN	Cyanazine	ug/l	Total	Actual	Maximum				525.2	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
DEPTH	Depth	ft		Actual	Maximum					
	Acceptable Range	0.00000 - 250.00000 ft								
DO2	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Maximum				360.2	
	Acceptable Range	0.00000 - 30.00000 mg/l								
ELEVATIO	Elevation, MSL	ft		Actual						
	Acceptable Range	0.00000 - 250,000.00000 ft								
E_COLI	Escherichia	cfu/100ml		Estimated						
	Acceptable Range	0.00000 - 2,000,000.00000 cfu/100ml								
FECAL	Fecal Coliform	cfu/100ml	Filterable	Estimated					F488	200.2
	Acceptable Range	0.00000 - 10,000,000.00000 cfu/100ml								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
KJELD	Nitrogen, Kjeldahl Acceptable Range	mg/l 0.00000 - 100.00000 mg/l	Total	Actual	Maximum				351.2	
NH3	Nitrogen, ammonia (NH3) as NH3 Acceptable Range	mg/l 0.00000 - 5,000,000.00000 mg/l	Total	Actual	Maximum				350.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l 0.00000 - 500.00000 mg/l	Total	Actual					353.2	
ORTHOPHO	Phosphorus, orthophosphate as P Acceptable Range	mg/l 0.00000 - 500.00000 mg/l	Dissolved	Actual					365.5	
P	Phosphorus as P Acceptable Range	mg/l 0.00000 - 500.00000 mg/l	Total	Actual	Maximum				365.4	
PH	pH Acceptable Range	None 0.00000 - 12.00000 None	Total	Actual	Maximum				150.1	
SECCHI	Depth, Secchi Disk Depth Acceptable Range	m 0.00000 - 100.00000 m		Actual	Maximum					
TEMPC	Temperature, water Acceptable Range	deg C 0.00000 - 150.00000 deg C		Actual	Maximum				170.1	
TSS	Solids, Fixed Acceptable Range	mg/l 0.00000 - 5,000,000.00000 mg/l	Settleable	Actual	Maximum				160.2	200.2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LEGACY	Old STORET Data	Sample	Water				N
Citations		John Bender, 1998, DEQ SOP, NDEQ, 1					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Temperature, water	deg C		Actual						
1000	Arsenic	ug/l	Dissolved	Actual					206.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1001	Arsenic	ug/l	Suspended	Actual					206.2	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
1002	Arsenic	ug/l	Total	Actual					206.2	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
1003	Arsenic	mg/kg	Total Recovrble	Actual					206.2	
	Acceptable Range	0.00000 - 5,000.00000 mg/kg								
1004	Arsenic	mg/kg	Total Recovrble	Actual					206.2	
	Acceptable Range	0.00000 - 50,000.00000 mg/kg								
1007	Barium	ug/l	Total	Actual					208.1	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
1008	Barium	mg/kg	Total Recovrble	Actual					208.1	
	Acceptable Range	0.00000 - 5,000.00000 mg/kg								
1010	Beryllium	ug/l	Dissolved	Actual					200.8(W)	
1012	Beryllium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
1013	Beryllium	mg/kg	Total Recovrble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 50,000.00000 mg/kg								
1018	Iron	mg/kg	Total Recovrble	Actual					236.1	
	Acceptable Range	0.00000 - 500,000.00000 mg/kg								
1020	Boron	mg/l	Dissolved	Actual					212.3	
	Acceptable Range	0.00000 - 500,000.00000 mg/l								
1022	Boron	ug/l	Total	Actual					212.3	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
1024	Chromium	mg/kg	Total Recovrble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 5,000.00000 mg/kg								
1025	Cadmium	ug/l	Dissolved	Actual					213.1	

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	Acceptable Range	0.00000 - 5,000.00000 ug/l								
1027	Cadmium	ug/l	Total	Actual					213.1	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
1029	Chromium	mg/kg	Total	Actual					7190	
			Recovrble							
	Acceptable Range	0.00000 - 50,000.00000 mg/kg								
1030	Chromium	ug/l	Dissolved	Actual					7190	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
1032	Chromium, hexavalent	ug/l	Dissolved	Actual					7190	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
1034	Chromium	ug/l	Total	Actual					7190	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
1035	Cobalt	ug/l	Dissolved	Actual						
1037	Cobalt	ug/l	Total	Actual						
1038	Cobalt	mg/kg	Total	Actual						
			Recovrble							
1039	Copper	mg/kg	Total	Actual					220.1	
			Recovrble							
	Acceptable Range	0.00000 - 50,000.00000 mg/kg								
1040	Copper	ug/l	Dissolved	Actual					220.1	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
1042	Copper	ug/l	Total	Actual					220.1	
	Acceptable Range	0.00000 - 500,000.00000 ug/l								
1043	Copper	mg/kg	Total	Actual						
			Recovrble							
1045	Iron	ug/l	Total	Actual						
1046	Iron	ug/l	Dissolved	Actual						
1049	Lead	ug/l	Dissolved	Actual						
1051	Lead	ug/l	Total	Actual						
1052	Lead	mg/kg	Total	Actual						

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			Recovrble							
1053	Manganese	mg/kg	Total	Actual						
			Recovrble							
1055	Manganese	ug/l	Total	Actual						
1056	Manganese	ug/l	Dissolved	Actual						
1057	Thallium	ug/l	Dissolved	Actual						
1059	Thallium	ug/l	Total	Actual						
1060	Molybdenum	ug/l	Dissolved	Actual						
1062	Molybdenum	ug/l	Total	Actual						
1065	Nickel	ug/l	Dissolved	Actual						
1067	Nickel	ug/l	Total	Actual						
1068	Nickel	mg/kg	Total	Actual						
			Recovrble							
1069	Nickel	mg/l	Total	Actual						Wet
			Recovrble							
1073	Thallium	mg/kg	Total	Actual						Wet
			Recovrble							
1074	Nickel	ug/l	Total	Actual						
			Recovrble							
1075	Silver	ug/l	Dissolved	Actual						
1077	Silver	ug/l	Total	Actual						
1078	Silver	mg/kg	Total	Actual						Dry
			Recovrble							
1079	Silver	ug/l	Total	Actual						
			Recovrble							
1085	Vanadium	ug/l	Dissolved	Actual						
1087	Vanadium	ug/l	Total	Actual						
1090	Zinc	ug/l	Dissolved	Actual						
1092	Zinc	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1093	Zinc	mg/kg	Total Recovrble	Actual						
1094	Zinc	ug/l	Total Recovrble	Actual						
1095	Antimony	ug/l	Dissolved	Actual						
1097	Antimony	ug/l	Total	Actual						
1098	Antimony	mg/kg	Total Recovrble	Actual		Wet				
1099	Antimony	mg/kg	Total Recovrble	Actual						
11	Temperature, water	deg F		Actual						
1100	Tin	ug/l	Dissolved	Actual						
1104	Aluminum	ug/l	Total Recovrble	Actual						
1105	Aluminum	ug/l	Total	Actual						
1106	Aluminum	ug/l	Dissolved	Actual						
1108	Aluminum	mg/kg	Total Recovrble	Actual		Dry				
1113	Cadmium	ug/l	Total Recovrble	Actual						
1114	Lead	ug/l	Total Recovrble	Actual						
1119	Copper	ug/l	Total Recovrble	Actual						
1123	Manganese	ug/l	Total Recovrble	Actual						
1127	Germanium	ug/l	Total	Actual						
1129	Molybdenum	ug/l	Total Recovrble	Actual						
1132	Lithium	ug/l	Total	Actual						

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1145	Selenium	ug/l	Dissolved	Actual						
1147	Selenium	ug/l	Total	Actual						
1148	Selenium	mg/kg	Total Recovrble	Actual		Dry				
1149	Selenium	mg/kg	Total Recovrble	Actual		Wet				
1150	Titanium	ug/l	Dissolved	Actual						
1152	Titanium	ug/l	Total	Actual						
1153	Titanium	mg/kg	Total Recovrble	Actual		Dry				
1170	Iron	mg/kg	Total Recovrble	Actual						
1229	Selenium	ug/kg	Total	Actual		Dry				
1300	Oil and Grease	mg/l	Dissolved	Actual						
1305	Floating Detergent/Soap - Severity (Choice List)									
1310	Gas bubble severity (choice list)									
1315	Sludge, floating - severity (choice list)									
1325	Algae, floating mat - severity (choice list)									
1335	Floating solids, unspecified mix (choice list)									
1350	Turbidity severity (choice list)									
1351	Flow, severity (choice list)									
1355	Ice cover, floating or solid - severity (choice list)									
1501	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual						
1503	Gross alpha radioactivity,	pCi/L	Dissolved	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(Thorium-230 ref std)									
20	Temperature, air	deg C		Actual						
23	Weight	lb		Actual						
24	Length	in		Actual						
29501	Manganese-54	mg/l		Actual						
300	Dissolved oxygen (DO)	mg/l		Actual						
	Acceptable Range	0.00000 - 20.00000 mg/l								
301	Dissolved oxygen saturation	%		Actual						
304	BOD, Biochemical oxygen demand	mg/l		Actual	Mean		5 Day		405.1	
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
310	BOD, Biochemical oxygen demand	mg/l		Actual			5 Day		405.1	
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
31501	Fecal Coliform	cfu/100ml		Actual					F488	
	Acceptable Range	0.00000 - 2,000,000.00000 cfu/100ml								
31505	Fecal Coliform	#/100ml		Actual						
	Acceptable Range	0.00000 - 50,000,000.00000 #/100ml								
316	BOD, Biochemical oxygen demand	mg/l		Actual	Mean				405.1	
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
31615	Fecal Coliform	#/100ml		Actual					F488	
31616	Fecal Coliform	cfu/100ml		Actual					F488	
31673	Fecal Streptococcus Group Bacteria	#/100ml		Actual					F488	
	Acceptable Range	0.00000 - 50,000,000.00000 #/100ml								
31679	Fecal Streptococcus Group Bacteria	#/100ml		Actual					F488	
	Acceptable Range	0.00000 - 5,000,000.00000 #/100ml								
32	Cloud cover	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
320	BOD, ultimate first stage Acceptable Range	mg/l 0.00000 - 500,000.00000 mg/l		Actual					405.1	
325	Deoxygenation constant Acceptable Range	None 0.00000 - 500.00000 None		Actual						
335	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
340	COD ***retired*** (use COD, Chemical Oxygen Demand) Acceptable Range	mg/l 0.00000 - 50,000.00000 mg/l	Total	Actual		Wet			410_M(B)	
34684	Dieldrin	mg/kg		Actual		Dry				
34685	Endrin	mg/kg		Actual		Wet				
34687	Heptachlor	mg/kg		Actual		Wet				
34691	Toxaphene	mg/kg	Total	Actual		Wet				
3503	Gross beta radioactivity, (Cesium-137 ref std) Acceptable Range	pCi/L 0.00000 - 50,000.00000 pCi/L	Dissolved	Actual						
3818	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-	pg/g	Total Recovrble	Actual						
3819	Dichloropropane, 1,2-	pg/g	Total Recovrble	Actual						
38260	MBAS (detergents, surfactants) Acceptable Range	% 0.00000 - 5,000.00000 %	Total	Actual						
3875	Chromium Acceptable Range	mg/kg 0.00000 - 50,000.00000 mg/kg	Total Recovrble	Actual		Wet			7190	
39074	BHC-alpha Acceptable Range	ug/g 0.00000 - 50,000.00000 ug/g	Total	Actual		Wet				
3908	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual						
400	pH Acceptable Range	None 0.00000 - 12.00000 None	Total	Actual					150.1	

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Nebraska Dept. of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4005	Metolachlor	mg/kg	Total Recovrble	Actual						
4006	Alachlor	mg/kg	Dissolved	Actual						
4027	Carboxin	ug/l	Dissolved	Actual						
403	pH	None		Actual					4500-H	
	Acceptable Range	0.00000 - 12.00000	None							
4035	Simazine	ug/l	Dissolved	Actual						
4036	Prometryn	ug/l	Dissolved	Actual						
4037	Prometone	ug/l	Dissolved	Actual						
4038	Desisopropyl atrazine	ug/l	Dissolved	Actual						
4040	Desethyl atrazine	ug/l	Dissolved	Actual						
4041	Cyanazine	ug/l	Dissolved	Actual						
410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					310.1	
	Acceptable Range	0.00000 - 500,000.00000	mg/l							
415	Alkalinity, Carbonate as CaCO3	mg/l	Dissolved	Actual					310.1	
4257	Aldicarb sulfone	ug/l	Dissolved	Actual						
4258	Hydroxycarbofuran, 3-	ug/l	Total	Actual						
4260	Aldicarb sulfoxide	ug/l	Total	Actual						
440	Bicarbonate	mg/l		Actual					160.1	
445	Carbonate ion (CO3-2)	mg/l	Dissolved	Actual					310.2	
46570	Hardness, Ca + Mg	mg/l	Dissolved	Actual	Maximum				242.1	
	Acceptable Range	0.00000 - 50,000.00000	mg/l							
500	Solids, Fixed	mg/l		Actual					160.2	
	Acceptable Range	0.00000 - 10,000,000.00000	mg/l							
505	Solids, Fixed	mg/ml		Actual					160.2	
	Acceptable Range	0.00000 - 5,000,000.00000	mg/ml							
530	Solids, Fixed	mg/l		Actual					160.2_M	
	Acceptable Range	0.00000 - 5,000,000.00000	mg/l							
535	Solids, Fixed	mg/l		Actual					160.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 5,000,000.00000 mg/l								
545	Solids, Fixed	mg/l		Actual					160.2	
	Acceptable Range	0.00000 - 5,000,000.00000 mg/l								
547	Solids, Fixed	mg/l		Actual					160.2	
	Acceptable Range	0.00000 - 5,000,000.00000 mg/l								
60	Flow	cfs		Actual	Mean		1 Day		DISCHARGE	
61	Flow	cfs		Actual	Mean				DISCHARGE	
	Acceptable Range	0.00000 - 2,000,000.00000 cfs			Particle Size Basis		N/A			
610	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual						
612	Ammonia, unionized	mg/l		Actual						
615	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual						
618	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
619	Ammonia, unionized	mg/l		Actual						
620	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
621	Nitrogen, Nitrate (NO3) as NO3	mg/kg		Actual		Dry				
624	Nitrogen, Kjeldahl	mg/l		Actual						
625	Nitrogen, Kjeldahl	mg/l		Actual						
627	Nitrogen, Kjeldahl	mg/l		Actual						
630	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
631	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
635	Nitrogen, Ammonia + Organic	mg/l		Actual						
640	Nitrogen, inorganic	mg/l		Actual						
650	Phosphate	mg/l		Actual						
653	Phosphate	mg/l		Actual						
655	Phosphorus, polyphosphate as PO4	mg/l		Actual						
660	Phosphorus, orthophosphate as	mg/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	PO4									
665	Phosphorus as P	mg/l		Actual						
666	Phosphorus as P	mg/l		Actual						
668	Phosphorus as P	mg/kg		Actual						
671	Phosphorus, orthophosphate as P	mg/l		Actual						
678	Phosphorus, hydrolyzable plus orthophosphate as P	mg/l		Actual						
68	Depth, bottom	ft		Actual						
680	Carbon, Total Organic (Toc)	mg/l	Total	Actual						
681	Carbon, organic	mg/l	Pot. Dissolved	Actual						
687	Carbon, Total Organic (Toc)	mg/l		Actual						
697	Acetic acid	mg/l		Actual						
70	Turbidity	JTU	Total	Actual	Maximum				180.1	
	Acceptable Range	0.00000 - 50,000.00000 JTU								
700	Acetic acid	mg/l		Actual						
70300	Solids, Fixed	mg/l	Total	Actual					160.2	
	Acceptable Range	0.00000 - 500,000.00000 mg/l								
70301	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
7050	Calcium-45	pCi/L	Dissolved	Actual						
70507	Phosphorus, orthophosphate as P	mg/l		Actual						
71845	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual						
71851	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual						
71900	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.00000 - 100.00000 ug/l								
720	Cyanide	mg/l		Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
72030	Elevation, water surface, MSL	ft		Actual						
	Acceptable Range	- 26,500.00000 ft								
723	Cyanide	ug/l		Actual					200.8(W)	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
76	Turbidity	FTU		Actual	Maximum				180.1	
	Acceptable Range	0.00000 - 500,000.00000 FTU								
77	Depth, Secchi Disk Depth	in		Actual	Maximum					
79178	Pcb-aroclor 1242	mg/kg	Total Recovrble	Actual		Dry			1618	
	Acceptable Range	0.00000 - 5,000.00000 mg/kg								
79179	Pcb-aroclor 1254	ug/l	Total	Actual					1618	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
79183	Pcb-aroclor 1260	ug/kg	Total Recovrble	Actual					1618	
	Acceptable Range	0.00000 - 50,000.00000 ug/kg								
81896	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 5,000.00000 ug/l								
81987	Particle distribution	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								
82028	Coliform/Strep Ratio, Fecal	#/100ml	Total	Actual	Maximum				F488	
	Acceptable Range	0.00000 - 50,000,000.00000 #/100ml								
900	Hardness, Ca + Mg	mg/l		Actual					242.1	
	Acceptable Range	0.00000 - 500,000.00000 mg/l								
901	Hardness, carbonate	mg/l		Actual						
902	Hardness, non-carbonate	mg/l		Actual						
910	Calcium as CaCO3	mg/l		Actual						
915	Calcium	mg/l	Dissolved	Actual						
916	Calcium	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
920	Magnesium	mg/l	Dissolved	Actual						
925	Magnesium	mg/l	Dissolved	Actual						
927	Magnesium	mg/l	Total	Actual						
929	Sodium	mg/l	Total	Actual						
930	Sodium	mg/l	Dissolved	Actual						
931	Sodium Adsorption Ratio [(Na)/(sq root of 1/2 Ca + Mg)]	mg/l		Actual						
932	Sodium	%	Total	Actual						
935	Potassium	mg/l	Dissolved	Actual						
937	Potassium	mg/l	Total	Actual						
938	Potassium	mg/kg		Actual						
94	Specific conductance	umol/m2/s		Actual						
940	Chloride	mg/l	Total	Actual						
941	Chloride	mg/l	Dissolved	Actual						
945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						
946	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual						
95	Specific conductance	uS/cm		Actual						
950	Fluorides	mg/l	Dissolved	Actual						
9503	Radium-226	pCi/L	Dissolved	Actual						
951	Fluorides	mg/l	Total	Actual						
955	Silica	mg/l	Dissolved	Actual						
956	Silica	mg/l	Total	Actual						
960	Barite			Actual						
980	Iron	ug/l	Total Recovrble	Actual						

Characteristic Group Details

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Nebraska Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
METALS	Metals for 98-03	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual	Maximum				350.1	
	Acceptable Range	0.00000 - 500,000.00000 mg/l								
ARSENIC	Arsenic	ug/l	Total	Actual					206.2	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
CADMIUM	Cadmium	ug/l	Dissolved	Actual	Maximum				213.1	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
CHLORIDE	Chloride	mg/l	Total	Actual	Maximum					
	Acceptable Range	0.00000 - 5,000,000.00000 mg/l								
CHROMEHEX	Chromium, hexavalent	ug/l	Dissolved	Actual	Maximum				7190	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
CHROMIUM	Chromium	ug/l	Total	Actual	Maximum				7190	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
COPPER	Copper	ug/l	Dissolved	Actual	Maximum				220.1	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
LEAD	Lead	ug/l	Dissolved	Actual	Maximum				200.8(W)	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
NICKEL	Nickel	ug/l	Dissolved	Actual	Maximum				200.8(W)	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
NITROGEN	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual	Maximum				353.2	
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
PHOSPHORUS	Phosphorus as P	mg/l	Total	Actual	Maximum					
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
SELENIUM	Selenium	ug/l	Dissolved	Actual	Maximum				200.8(W)	
	Acceptable Range	0.00000 - 50,000.00000 ug/l								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual	Maximum					
	Acceptable Range	0.00000 - 500,000.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TSS	Solids, Fixed Acceptable Range	mg/l	Total	Actual	Maximum				160.2_M	
ZINC	Zinc Acceptable Range	ug/l	Dissolved	Actual	Maximum				289.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WETLAND	WETLANDS PROCEDURES	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALACHLOR	Alachlor Acceptable Range	ug/l	Dissolved	Actual	Maximum				525.2	
ALKALIN	Alkalinity, Total (total hydroxide+carbonate+bicarbonate) Acceptable Range	mg/l	Dissolved	Actual	Maximum					200.2
ARSENIC	Arsenic Acceptable Range	ug/l	Dissolved	Actual	Maximum				206.2	
ATRAZINE	Atrazine Acceptable Range	ug/l	Total	Actual	Maximum				525.2	
CALCIUM	Calcium Acceptable Range	mg/l	Dissolved	Actual	Maximum				215.1	
CHLORIDE	Chloride Acceptable Range	mg/l	Total	Actual	Maximum					
DO2	Dissolved oxygen (DO) Acceptable Range	mg/l	Dissolved	Actual	Maximum				360.2	
ENTEROCO	Enterococcus Group Bacteria Acceptable Range	#/100ml	Filterable	Estimated	Maximum				1106.1	
METOLACH	Metolachlor Acceptable Range	ug/l	Total	Actual	Maximum				525.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MGNESM	Magnesium	mg/l	Filterable	Actual	Maximum				242.1	200.2
	Acceptable Range	0.00000 - 5,000.00000 mg/l								
PH	pH	None	Total	Actual	Maximum				150.1	
	Acceptable Range	0.00000 - 12.00000 None								
TEMPC	Temperature, water	deg C		Actual	Maximum				170.1	
	Acceptable Range	0.00000 - 150.00000 deg C								

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Nevada Dept. of Conservation and Natural Resources

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	Field measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
PH	pH	None	Total	Actual						
TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS_F	Filtered Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ARSENIC_F	Arsenic	mg/l	Dissolved	Actual					D2972(B)	
BORON_F	Boron	mg/l	Dissolved	Actual					200.7(W)	
CADMIUM_F	Cadmium	mg/l	Dissolved	Actual					200.8(W)	
CA_F	Calcium	mg/l	Dissolved	Actual					200.7(W)	
CHROMIUM_F	Chromium	mg/l	Dissolved	Actual					200.8(W)	
COPPER_F	Copper	mg/l	Dissolved	Actual					200.7(W)	
HARDNESS_F	Hardness, Ca + Mg	mg/l	Dissolved	Actual					200.7(W)	
IRON_F	Iron	mg/l	Dissolved	Actual					200.7(W)	
LEAD_F	Lead	mg/l	Dissolved	Actual					200.8(W)	
MERCURY_F	Mercury	mg/l	Dissolved	Actual					245.2	
MG_F	Magnesium	mg/l	Dissolved	Actual					200.7(W)	
NA_F	Sodium	mg/l	Dissolved	Actual					200.7(W)	
SAR_F	Sodium Adsorption Ratio [(Na)/(sq root of 1/2 Ca + Mg)]	None	Dissolved	Calculated					200.7(W)	
SELENIUM_F	Selenium	mg/l	Dissolved	Actual					200.8(W)	
ZINC_F	Zinc	mg/l	Dissolved	Actual					200.7(W)	

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21NEV-1 Nevada Dept. of Conservation and Natural Resources

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
ROUTINE	Routine Sampling	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALINITY	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					2320	
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Dissolved	Actual					4500-NH3(F)	
	Acceptable Range	0.00000 - 5.00000 mg/l								
ARSENIC	Arsenic	mg/l	Total	Actual					D2972(B)	
BORON	Boron	mg/l	Total	Actual					200.7(W)	
CA	Calcium	mg/l	Total	Actual					200.7(W)	
CADMIUM	Cadmium	mg/l	Total	Actual					200.8(W)	
CHLORIDE	Chloride	mg/l	Dissolved	Actual					300(A)	
	Acceptable Range	0.00000 - 1,500.00000 mg/l								
CHLOROPHYLL	Chlorophyll a (probe)	ug/l	Total	Actual					300(A)	
CHROMIUM	Chromium	mg/l	Total	Actual					200.8(W)	
CO3_AS_CACO3	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
CO3_CO3	Carbonate ion (CO3-2)	mg/l	Total	Actual					2320	
COLOR	Color, True	PCU		Actual					2120-C	
	Acceptable Range	0.00000 - 75.00000 PCU								
COPPER	Copper	mg/l	Total	Actual					200.7(W)	
EC	Specific conductance	uS/cm	Total	Actual					2510	
	Acceptable Range	0.00000 - 1,000.00000 uS/cm								
E_COLI	Enterococcus Group Bacteria	cfu/100ml	Total	Actual					9223-B	
FECAL_COLI	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	
HARDNESS	Hardness, carbonate	mg/l	Total	Actual					200.7(W)	
HCO3_AS_CACO3	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual					2320	
	Acceptable Range	0.00000 - 50.00000 mg/l								

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Nevada Dept. of Conservation and Natural Resources

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HCO3_AS_HCO3	Bicarbonate	mg/l	Total	Actual					2320	
	Acceptable Range	0.00000 - 500.00000 mg/l								
IRON	Iron	mg/l	Total	Actual					200.7(W)	
KJELDAHL	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NOR(B)	
	Acceptable Range	0.00000 - 50.00000 mg/l								
LEAD	Lead	mg/l	Total	Actual					200.8(W)	
MERCURY	Mercury	mg/l	Total	Actual					245.2	
MG	Magnesium	mg/l	Total	Actual					200.7(W)	
NA	Sodium	mg/l	Total	Actual					200.7(W)	
NITRATE_N	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
NITRATE_NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					300(A)	
	Acceptable Range	0.00000 - 50.00000 mg/l								
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					4500-NO2(B)	
ORTHO_P	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					4500-P-E	
	Acceptable Range	0.00000 - 1.00000 mg/l								
PH	pH	None	Total	Actual					8156	
	Acceptable Range	1.00000 - 14.00000 None								
SAR	Sodium Adsorption Ratio [(Na)/(sq root of 1/2 Ca + Mg)]	None	Total	Calculated					200.7(W)	
SELENIUM	Selenium	mg/l	Total	Actual					200.8(W)	
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					300(A)	
	Acceptable Range	0.00000 - 500.00000 mg/l								
TDS	Solids, Dissolved	mg/l	Dissolved	Actual					2540-C	
TOTAL_N	Nitrogen ion (N)	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 50.00000 mg/l								
TOTAL_P	Phosphorus as P	mg/l	Total	Actual					4500-P-E	
	Acceptable Range	0.00000 - 1.00000 mg/l								
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

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Nevada Dept. of Conservation and Natural Resources

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 50.00000 NTU								
UNION_AMMONIA	Ammonia, unionized	mg/l	Dissolved	Calculated					4500-NH3(F)	
ZINC	Zinc	mg/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TRUCKEE	Truckee Analysis by DRI lab	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALINIY	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Dissolved	Actual					350.1	
CA	Calcium	mg/l	Total	Actual					215.1	
CHLORIDE	Chloride	mg/l	Dissolved	Actual					300(A)	
CO3_AS_CACO3	Alkalinity, Carbonate as CaCO3	mg/l	Total	Calculated					310.1	
COLOR	Color, True	PCU		Actual					110.2	
EC	Specific conductance	uS/cm	Total	Actual					120.1	
E_COLI	Enterococcus Group Bacteria	cfu/100ml	Total	Actual					9223-B	
FECAL_COLI	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	
HCO_AS_CACO3	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Calculated					310.1	
KJELDAHL	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
MG	Magnesium	mg/l	Total	Actual					242.1	
NA	Sodium	mg/l	Total	Actual					273.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					353.2	
NO3_N	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					353.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ORTHO_P	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PH	pH	None	Total	Actual					150.1	
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					300(A)	
TDS	Solids, Dissolved	mg/l	Dissolved	Actual					160.1_M	
TOTAL_P	Phosphorus as P	mg/l	Total	Actual					365.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	
UN-ION_AMMONIA	Ammonia, unionized	mg/l	Dissolved	Calculated						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
303D-SED	303(d) Sediments	Sample	Sediment						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
AS	Arsenic	ug/kg	Total Recovrble	Actual					200.9	200.2-M
B	Boron	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
BE	Beryllium	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
CA	Calcium	ug/kg	Total	Actual						
CD	Cadmium	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
CL	Chloride	mg/kg	Total	Actual						
CR	Chromium	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
CRH	Chromium, hexavalent	ug/kg	Total Recovrble	Actual					11230	
CU	Copper	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
FE	Iron	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
HG	Mercury	ug/kg	Total Recovrble	Actual					245.1	
MN	Manganese	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
NI	Nickel	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P	Phosphorus as P	mg/kg	Total	Actual					365.1	365.2
PB	Lead	ug/kg	Total Recovrble	Actual					200.9	200.2-M

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SE	Selenium	ug/kg	Total Recovrble	Actual					200.9	200.2-M
TKN	Nitrogen, Kjeldahl	mg/kg	Total	Actual					351.1	351.3
TL	Thallium	ug/kg	Total Recovrble	Actual					200.9	200.2-M
TOC	Carbon, Total Organic (Toc)	mg/kg	Total	Calculated					5310-C	
TS	Solids, Total	mg/kg	Total	Actual					2540-B	
TSP	Solids, Total	% by wt	Total	Calculated					2540-B	
ZN	Zinc	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMNET-F	AMNET Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual					SC	
DO	Dissolved oxygen (DO)	mg/l		Actual					DO	
PH	pH	None		Actual					PH	
WATERTEMP	Temperature, water	deg C		Actual					T	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMNET-H	High Gradient Habitat	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HABITATSCORE	RBP2, High G, Habitat Assessment Total Score	None		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARAMETER1	RBP2, High G, Epifaunal Substrate/Available Cover									
PARAMETER10LE FT	RBP2, High G, Riparian Vegetative Zone Width, Left Bank									
PARAMETER10RI GHT	RBP2, High G, Riparian Vegetative Zone Width, Right Bank									
PARAMETER2	RBP2, High G, Embeddedness									
PARAMETER3	RBP2, High G, Velocity/Depth Regime									
PARAMETER4	RBP2, High G, Sediment Deposition									
PARAMETER5	RBP2, High G, Channel Flow Status									
PARAMETER6	RBP2, High G, Channel Alteration									
PARAMETER7	RBP2, High G, Frequency of Riffles (or bends)									
PARAMETER8LEF T	RBP2, High G, Bank Stability, Left Bank									
PARAMETER8RIG HT	RBP2, High G, Bank Stability, Right Bank									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMNET-L	Low Gradient Habitat	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HABITATSCORE	RBP2, Low G, Habitat Assessment Total Score	None		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARAMETER1	RBP2, Low G, Epifaunal Substrate/Available Cover									
PARAMETER10LE FT	RBP2, Low G, Riparian Vegetative Zone Width, Left Bank									
PARAMETER10RI GHT	RBP2, Low G, Riparian Vegetative Zone Width, Right Bank									
PARAMETER2	RBP2, Low G, Pool Substrate Characterization									
PARAMETER3	RBP2, Low G, Pool Variability									
PARAMETER4	RBP2, Low G, Sediment Deposition									
PARAMETER5	RBP2, Low G, Channel Flow Status									
PARAMETER6	RBP2, Low G, Channel Alteration									
PARAMETER7	RBP2, Low G, Channel Sinuosity									
PARAMETER8LEF T	RBP2, Low G, Bank Stability, Left Bank									
PARAMETER8RIG HT	RBP2, Low G, Bank Stability, Right Bank									
PARAMETER9LEF T	RBP2, Low G, Vegetative Protection, Left Bank									
PARAMETER9RIG HT	RBP2, Low G, Vegetative Protection, Right Bank									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AMNET-R	Habitat Rating	Field Msr/Obs					Y

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Row ID	Characteristic Name	Description
HABITATRATING	Habitat Rating	Overall rating of the habitat

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.ANTH	Anthomyiidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
148685	Anthomyiidae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.ATHE	Athericidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
130928	Athericidae		count	Actual				
130929	Atherix		count	Actual				
130932	Atherix variegata		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.BAET	Baetidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100755	Baetidae		count	Actual				
100756	Cloeon		count	Actual				
100757	Neocloeon		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100771	Pseudocloeon		count	Actual				
100777	Pseudocloeon carolina		count	Actual				
100778	Pseudocloeon cingulatum		count	Actual				
100779	Pseudocloeon dubium		count	Actual				
100783	Pseudocloeon parvulum		count	Actual				
100784	Pseudocloeon punctiventris		count	Actual				
100794	Heterocloeon		count	Actual				
100800	Baetis		count	Actual				
100801	Acentrella		count	Actual				
100808	Baetis intercalaris		count	Actual				
100817	Baetis tricaudatus		count	Actual				
100825	Baetis brunneicolor		count	Actual				
100835	Baetis flavistriga		count	Actual				
100839	Baetis hageni		count	Actual				
100860	Baetis propinquus		count	Actual				
100861	Baetis pygmaeus		count	Actual				
100868	Baetis vagans		count	Actual				
100873	Centroptilum		count	Actual				
100899	Paracloeodes		count	Actual				
100903	Callibaetis		count	Actual				
206618	Baetis armillatus		count	Actual				
206619	Baetis punctiventris		count	Actual				
206622	Procloeon		count	Actual				
568546	Acerpenna		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
568551	Fallceon		count	Actual				
568553	Plauditus		count	Actual				
568605	Labiobaetis propinquus		count	Actual				
568681	Pseudocloeon propinquum		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.BAETI	Baetiscidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101493	Baetiscidae		count	Actual				
101494	Baetisca		count	Actual				
101495	Baetisca obesa		count	Actual				
101499	Baetisca carolina		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.BLEP	Blephariceridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
121227	Blephariceridae		count	Actual				
121255	Blepharicera		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.BLOO	BloodRed Chironomidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
127917	Chironomidae		count	Actual				
129254	Chironomus		count	Actual				
129280	Chironomus decorus		count	Actual				
129313	Chironomus riparius		count	Actual				
129316	Chironomus militaris		count	Actual				
129325	Chironomus tentans		count	Actual				
129350	Cladopelma		count	Actual				
129351	Cladopelma amachaerus		count	Actual				
129353	Harnischia amachaerus		count	Actual				
129368	Cryptochironomus		count	Actual				
129369	Cryptochironomus argus		count	Actual				
129376	Cryptochironomus fulvus		count	Actual				
129394	Cryptotendipes		count	Actual				
129401	Cryptotendipes emorsus		count	Actual				
129402	Harnischia emorsus		count	Actual				
129404	Cryptotendipes pseudotener		count	Actual				
129421	Demicryptochironomus		count	Actual				
129428	Dicrotendipes		count	Actual				
129452	Dicrotendipes nervosus		count	Actual				
129459	Einfeldia		count	Actual				
129463	Einfeldia natchitochaeae		count	Actual				
129470	Endochironomus		count	Actual				
129471	Endochironomus nigricans		count	Actual				
129474	Endochironomus subtendens		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129483	Glyptotendipes		count	Actual				
129487	Glyptotendipes dreisbachi		count	Actual				
129488	Glyptotendipes lobiferus		count	Actual				
129497	Glyptotendipes senilis		count	Actual				
129502	Glyptotendipes polytomus		count	Actual				
129506	Goeldichironomus		count	Actual				
129516	Harnischia		count	Actual				
129517	Harnischia curtilamellata		count	Actual				
129522	Kiefferulus		count	Actual				
129564	Parachironomus		count	Actual				
129565	Parachironomus abortivus		count	Actual				
129623	Paratendipes		count	Actual				
129624	Paratendipes albimanus		count	Actual				
129637	Phaenopsectra		count	Actual				
129642	Phaenopsectra flavipes		count	Actual				
129647	Phaenopsectra obediens		count	Actual				
129676	Polypedilum fallax		count	Actual				
129684	Polypedilum halterale		count	Actual				
129701	Polypedilum ophioides		count	Actual				
129708	Polypedilum scalaenum		count	Actual				
129708GR	Polypedilum	sp.1	count	Actual				
129719	Polypedilum tritum		count	Actual				
129746	Stenochironomus		count	Actual				
129785	Stictochironomus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129790	Stictochironomus devinctus		count	Actual				
129851	Pseudochironomus		count	Actual				
129858	Pseudochironomus fulviventris		count	Actual				
129868	Pseudochironomus richardsoni		count	Actual				
129871	Pseudochironomus prasinatus		count	Actual				
156754	Urnatella gracilis		count	Actual				
553082	Demicryptochironomus vulneratus		count	Actual				
553087	Kiefferulus tendipediformis		count	Actual				
568519	Polypedilum		count	Actual				
INSOLI	Einfeldia	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.BRAC	Brachycentridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116905	Brachycentridae		count	Actual				
116906	Brachycentrus		count	Actual				
116910	Brachycentrus numerosus		count	Actual				
116912	Brachycentrus americanus		count	Actual				
116914	Brachycentrus lateralis		count	Actual				
116958	Micrasema		count	Actual				
116960	Micrasema wataga		count	Actual				
116961	Micrasema rusticum		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CAEN	Caenidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101467	Caenidae		count	Actual				
101468	Brachycercus		count	Actual				
101478	Caenis		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CALA	Calamoceratidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116529	Calamoceratidae		count	Actual				
116537	Heteroplectron		count	Actual				
553090	Heteroplectron americanum		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CARA	Carabidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
109234	Carabidae		count	Actual				
111436	Chlaenius		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CERA	Ceratopogonidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
127076	Ceratopogonidae		count	Actual				
127077	Heleidae		count	Actual				
127113	Atrichopogon		count	Actual				
127152	Forcipomyia		count	Actual				
127278	Dasyhelea		count	Actual				
127298	Dasyhelea grisea		count	Actual				
127340	Culicoides		count	Actual				
127464	Culicoides sanguisuga		count	Actual				
127533	Alluaudomyia		count	Actual				
127539	Alluaudomyia needhami		count	Actual				
127619	Stilobezzia		count	Actual				
127620	Stilobezzia antennalis		count	Actual				
127729	Probezzia		count	Actual				
127778	Bezzia		count	Actual				
127811	Bezzia glabra		count	Actual				
127851	Bezzia varicolor		count	Actual				
127853	Bezzia setulosa		count	Actual				
127854	Bezzia opaca		count	Actual				
127859	Palpomyia		count	Actual				
127885	Palpomyia lineata		count	Actual				
127889	Palpomyia pruinescens		count	Actual				
127905	Palpomyia tibialis		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CHIR1	Chironomidae A-E	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
127917	Chironomidae		count	Actual				
127996	Clinotanypus		count	Actual				
127998	Clinotanypus pinguis		count	Actual				
128005	Clinotanypus thoracicus		count	Actual				
128010	Coelotanypus		count	Actual				
128018	Coelotanypus tricolor		count	Actual				
128021	Apsectrotanypus		count	Actual				
128077	Anatopynia fastuosa		count	Actual				
128079	Ablabesmyia		count	Actual				
128081	Ablabesmyia annulata		count	Actual				
128083	Ablabesmyia aspera		count	Actual				
128093	Ablabesmyia janta		count	Actual				
128097	Ablabesmyia mallochi		count	Actual				
128107	Ablabesmyia monilis		count	Actual				
128111	Ablabesmyia basilis		count	Actual				
128113	Ablabesmyia peleensis		count	Actual				
128123	Ablabesmyia simpsoni		count	Actual				
128126	Cantopelopia		count	Actual				
128127	Cantopelopia aleta		count	Actual				
128128	Conchapelopia aleta		count	Actual				
128130	Conchapelopia		count	Actual				
128133	Conchapelopia americana		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128136	Conchapelopia cornuticaudata		count	Actual				
128139	Conchapelopia currani		count	Actual				
128140	Conchapelopia fasciata		count	Actual				
128141	Conchapelopia dusena		count	Actual				
128142	Conchapelopia flavifrons		count	Actual				
128151	Conchapelopia pallens		count	Actual				
128154	Conchapelopia goniodes		count	Actual				
128158	Conchapelopia rurika		count	Actual				
128159	Conchapelopia telema		count	Actual				
128161	Guttipelopia		count	Actual				
128271	Djalmabatista		count	Actual				
128341	Diamesinae		count	Actual				
128355	Diamesa		count	Actual				
128391	Diamesa nivoriunda		count	Actual				
128463	Acricotopus		count	Actual				
128477	Brillia		count	Actual				
128478	Brillia flavifrons		count	Actual				
128483	Brillia sera		count	Actual				
128487	Brillia par		count	Actual				
128488	Bryophaenocladus		count	Actual				
128511	Cardiocladius		count	Actual				
128512	Cardiocladius albiplumus		count	Actual				
128515	Cardiocladius obscurus		count	Actual				
128520	Chaetocladius		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128563	Corynoneura		count	Actual				
128565	Corynoneura celeripes		count	Actual				
128570	Corynoneura taris		count	Actual				
128575	Cricotopus		count	Actual				
128583	Cricotopus bicinctus		count	Actual				
128588	Cricotopus curtus		count	Actual				
128589	Cricotopus cylindraceus		count	Actual				
128594	Cricotopus festivellus		count	Actual				
128600	Cricotopus fugax		count	Actual				
128603	Cricotopus fuscatus		count	Actual				
128610	Cricotopus infuscatus		count	Actual				
128611	Cricotopus aratus		count	Actual				
128613	Cricotopus ceris		count	Actual				
128614	Cricotopus intersectus		count	Actual				
128617	Cricotopus junus		count	Actual				
128618	Cricotopus laetus		count	Actual				
128619	Cricotopus laricomalis		count	Actual				
128643	Cricotopus slossonae		count	Actual				
128645	Cricotopus sylvestris		count	Actual				
128647	Cricotopus tibialis		count	Actual				
128651	Cricotopus tremulus		count	Actual				
128653	Cricotopus triannulatus		count	Actual				
128655	Cricotopus exilis		count	Actual				
128656	Cricotopus tricinctus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128659	Cricotopus trifascia		count	Actual				
128661	Cricotopus trifasciatus		count	Actual				
128666	Cricotopus vierriensis		count	Actual				
128668	Cricotopus reversus		count	Actual				
128669	Cricotopus fuscus		count	Actual				
128670	Diplocladius		count	Actual				
128671	Diplocladius cultriger		count	Actual				
128674	Doithrix		count	Actual				
128689	Eukiefferiella		count	Actual				
128693	Eukiefferiella claripennis		count	Actual				
128695	Eukiefferiella devonica		count	Actual				
128699	Eukiefferiella discoloripes		count	Actual				
128703	Eukiefferiella brevicar		count	Actual				
128705	Eukiefferiella gracei		count	Actual				
128706	Eukiefferiella pseudomontana		count	Actual				
129228	Chironominae		count	Actual				
129229	Chironomini		count	Actual				
129230	Acalcarella		count	Actual				
129436	Dicrotendipes fumidus		count	Actual				
129448	Dicrotendipes modestus		count	Actual				
129450	Dicrotendipes neomodestus		count	Actual				
129873	Cladotanytarsus		count	Actual				
129879	Cladotanytarsus dispersopilosus		count	Actual				
129881	Cladotanytarsus mancus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129884	Constempellina		count	Actual				
129885	Constempellina brevicosta		count	Actual				
129979	Calopsectra		count	Actual				
130031	Calopsectra glabrescens		count	Actual				
181207	Anatopynia		count	Actual				
181209	Acamptocladus		count	Actual				
206646	Alotanypus		count	Actual				
553077	Brillia modesta		count	Actual				
553078	Cladotanytarsus atridorsum		count	Actual				
553079	Cricotopus albiforceps		count	Actual				
553080	Cricotopus flavocinctus		count	Actual				
553081	Cricotopus pirifer		count	Actual				
553083	Eukiefferiella rectangularis		count	Actual				
553084	Eukiefferiella similis		count	Actual				
553089	Cricotopus algarum		count	Actual				
568525	Apsectrotanypus trifascipennis		count	Actual				
VANDERWULPI	Cladotanytarsus	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CHIR2	Chironomidae H-PR	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128034	Macropelopia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128037	Macropelopia decedens		count	Actual				
128070	Natarsia		count	Actual				
128076	Natarsia fastuosa		count	Actual				
128173	Labrundinia		count	Actual				
128178	Labrundinia pilosella		count	Actual				
128183	Larsia		count	Actual				
128202	Nilotanypus		count	Actual				
128203	Nilotanypus fimbriatus		count	Actual				
128215	Pentaneura		count	Actual				
128225	Pentaneura carnea		count	Actual				
128277	Procladius		count	Actual				
128285	Procladius bellus		count	Actual				
128295	Procladius culiciformis		count	Actual				
128313	Procladius riparius		count	Actual				
128325	Pelopia		count	Actual				
128337	Pelopia stellata		count	Actual				
128401	Pagastia		count	Actual				
128402	Pagastia orthogonia		count	Actual				
128408	Potthastia		count	Actual				
128412	Potthastia longimana		count	Actual				
128431	Protanypus		count	Actual				
128440	Monodiamesa		count	Actual				
128441	Monodiamesa bathyphila		count	Actual				
128442	Prodiamesa bathyphila		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128446	Odontomesa		count	Actual				
128447	Odontomesa fulva		count	Actual				
128452	Prodiamesa		count	Actual				
128454	Prodiamesa olivacea		count	Actual				
128457	Orthoclaadiinae		count	Actual				
128725	Halocladius		count	Actual				
128734	Heterotanytarsus		count	Actual				
128737	Heterotrissocladius		count	Actual				
128744	Heterotrissocladius marcidus		count	Actual				
128750	Hydrobaenus		count	Actual				
128757	Hydrobaenus johannseni		count	Actual				
128771	Krenosmittia		count	Actual				
128811	Lopescladius		count	Actual				
128821	Metriocnemus		count	Actual				
128831	Metriocnemus knabi		count	Actual				
128844	Nanocladius		count	Actual				
128852	Nanocladius crassicornus		count	Actual				
128853	Nanocladius distinctus		count	Actual				
128859	Nanocladius minimus		count	Actual				
128860	Nanocladius rectinervis		count	Actual				
128874	Orthocladius		count	Actual				
128878	Orthocladius annectens		count	Actual				
128883	Hydrobaenus carlatus		count	Actual				
128898	Orthocladius dorenius		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128913	Orthocladius lignicola		count	Actual				
128923	Orthocladius obumbratus		count	Actual				
128925	Orthocladius paradoreus		count	Actual				
128928	Orthocladius rivulorum		count	Actual				
128948	Orthocladius thienemanni		count	Actual				
128951	Parachaetocladus		count	Actual				
128953	Parachaetocladus hudsoni		count	Actual				
128962	Paracricotopus		count	Actual				
128968	Parakiefferiella		count	Actual				
128974	Parakiefferiella coronata		count	Actual				
128978	Parametrioctenus		count	Actual				
128982	Parametrioctenus lundbecki		count	Actual				
128986	Parametrioctenus stylatus		count	Actual				
128989	Paraphaenocladus		count	Actual				
129520	Hyporhygma		count	Actual				
129525	Lauterborniella		count	Actual				
129526	Lauterborniella agrayloides		count	Actual				
129528	Lauterborniella varipennis		count	Actual				
129535	Microtendipes		count	Actual				
129538	Microtendipes caducus		count	Actual				
129541	Microtendipes pedellus		count	Actual				
129548	Nilothauma		count	Actual				
129549	Nilothauma babyi		count	Actual				
129561	Pagastiella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129562	Pagastiella ostansa		count	Actual				
129597	Paracladopelma		count	Actual				
129616	Paralauterborniella		count	Actual				
129619	Paralauterborniella nigrohalterale		count	Actual				
129666	Polypedilum aviceps		count	Actual				
129671	Polypedilum convictum		count	Actual				
129686	Polypedilum illinoense		count	Actual				
129692	Polypedilum laetum		count	Actual				
129698	Polypedilum ontario		count	Actual				
129890	Micropsectra		count	Actual				
129898	Micropsectra deflecta		count	Actual				
129900	Micropsectra dives		count	Actual				
129904	Micropsectra junci		count	Actual				
129907	Micropsectra brunnipes		count	Actual				
129911	Micropsectra nigripila		count	Actual				
129913	Micropsectra polita		count	Actual				
129935	Paratanytarsus		count	Actual				
553086	Microtendipes tarsalis		count	Actual				
553088	Paratanytarsus dissimilis		count	Actual				
FLAVUM	Polypedilum	sp.1	count	Actual				
PEDELLUSGR	Microtendipes	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CHIR3	Chironomidae PS-Z	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103099	Remenus		count	Actual				
127994	Tanypodinae		count	Actual				
128048	Psectrotanypus		count	Actual				
128056	Psectrotanypus dyari		count	Actual				
128226	Rheopelopia		count	Actual				
128231	Rheopelopia perda		count	Actual				
128233	Telopelopia		count	Actual				
128234	Telopelopia okoboji		count	Actual				
128236	Thienemannimyia		count	Actual				
128236GR	Thienemannimyia	sp.1	count	Actual				
128243	Thienemannimyia norena		count	Actual				
128245	Thienemannimyia senata		count	Actual				
128251	Trissopelopia		count	Actual				
128259	Zavreliomyia		count	Actual				
128324	Tanypus		count	Actual				
128329	Tanypus neopunctipennis		count	Actual				
128333	Tanypus punctipennis		count	Actual				
128336	Tanypus stellatus		count	Actual				
128356	Psilodiamesa		count	Actual				
128416	Pseudodiamesa		count	Actual				
128421	Pseudodiamesa pertinax		count	Actual				
128426	Sympotthastia		count	Actual				
128429	Syndiamesa		count	Actual				
128751	Trissocladius (Part)		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128877	Symposiocladius		count	Actual				
128915	Symposiocladius lignicola		count	Actual				
128963	Trichocladius		count	Actual				
129018	Psectrocladius		count	Actual				
129022	Psectrocladius barbimanus		count	Actual				
129027	Psectrocladius elatus		count	Actual				
129029	Psectrocladius flavus		count	Actual				
129035	Psectrocladius nigrus		count	Actual				
129038	Psectrocladius pilosus		count	Actual				
129041	Psectrocladius simulans		count	Actual				
129045	Psectrocladius vernalis		count	Actual				
129050	Psectrocladius psilopterus		count	Actual				
129051	Psectrocladius sordidellus		count	Actual				
129052	Pseudorthocladius		count	Actual				
129086	Rheocricotopus		count	Actual				
129102	Rheocricotopus robacki		count	Actual				
129105	Rheocricotopus tuberculatus		count	Actual				
129107	Rheosmittia		count	Actual				
129110	Smittia		count	Actual				
129152	Stilocladius		count	Actual				
129156	Symbiocladius		count	Actual				
129161	Synorthocladius		count	Actual				
129162	Synorthocladius semivirens		count	Actual				
129182	Thienemanniella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129190	Thienemanniella xena		count	Actual				
129193	Thienemanniella fusca		count	Actual				
129197	Tvetenia		count	Actual				
129203	Tvetenia vitracies		count	Actual				
129205	Tvetenia bavarica		count	Actual				
129206	Unniella		count	Actual				
129207	Unniella multivirga		count	Actual				
129208	Xylotopus		count	Actual				
129209	Xylotopus par		count	Actual				
129213	Zalutschia		count	Actual				
129227	Zalutschia zalutschicola		count	Actual				
129730	Robackia		count	Actual				
129733	Robackia demejerei		count	Actual				
129735	Saetheria		count	Actual				
129737	Saetheria tylus		count	Actual				
129743	Stelechomyia		count	Actual				
129744	Stelechomyia perpulchra		count	Actual				
129820	Tribelos		count	Actual				
129827	Tribelos jucundus		count	Actual				
129837	Xenochironomus		count	Actual				
129838	Xenochironomus xenolabis		count	Actual				
129872	Tanytarsini		count	Actual				
129952	Rheotanytarsus		count	Actual				
129955	Rheotanytarsus distinctissimus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129957	Rheotanytarsus exiguus		count	Actual				
129957GR	Rheotanytarsus	sp.1	count	Actual				
129959GR	Rheotanytarsus	sp.2	count	Actual				
129962	Stempellina		count	Actual				
129968	Stempellina bausei		count	Actual				
129969	Stempellinella		count	Actual				
129975	Sublettea		count	Actual				
129976	Sublettea coffmani		count	Actual				
129978	Tanytarsus		count	Actual				
129984	Tanytarsus confusus		count	Actual				
129990	Tanytarsus dissimilis		count	Actual				
129997	Tanytarsus guerlus		count	Actual				
130022	Tanytarsus varelus		count	Actual				
130030	Tanytarsus glabrescens		count	Actual				
130038	Zavrelia		count	Actual				
130039	Zavrelia pentatoma		count	Actual				
130040	Zavreliella		count	Actual				
189327	Tvetenia discoloripes		count	Actual				
189328	Zavreliella marmorata		count	Actual				
553085	Psectrocladius octomaculatus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CHR	Chrysomelidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
114509	Chrysomelidae		count	Actual				
114510	Donacia		count	Actual				
114541	Galerucella		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CULI	Culicidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
125904	Chaoborus		count	Actual				
125923	Chaoborus punctipennis		count	Actual				
125930	Culicidae		count	Actual				
125956	Anopheles		count	Actual				
125977	Anopheles punctipennis		count	Actual				
126455	Culex		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.CURC	Curculionidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
114666	Curculionidae		count	Actual				
114666A	Curculionidae		count	Actual				
114679	Stenopelmus		count	Actual				
114680	Stenopelmus rufinusus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
114774	Onychylis		count	Actual				
114816	Hyperodes		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.DIPT	Diptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
126234	Aedes		count	Actual				
126293	Aedes fitchii		count	Actual				
126824	Simulium gouldingi		count	Actual				
126832	Simulium jenningsi		count	Actual				
126856	Simulium pictipes		count	Actual				
128980	Parametriochnemus graminicola		count	Actual				
129579	Parachironomus frequens		count	Actual				
130643	Stratiomys discalis		count	Actual				
138998	Diplonevra		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.DIXI	Dixidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
125809	Dixidae		count	Actual				
125810	Dixa		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.DOLI	Dolichopodidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
136824	Dolichopodidae		count	Actual				
137250	Argyra		count	Actual				
137953	Dolichopus		count	Actual				
138606	Hydrophorus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.DRYO	Dryopidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
113999	Dryopidae		count	Actual				
113999A	Dryopidae		count	Actual				
114006	Helichus		count	Actual				
114006A	Helichus		count	Actual				
114009	Helichus lithophilus		count	Actual				
114011	Helichus basalis		count	Actual				
114013	Helichus fastigiatus		count	Actual				
114025	Dryops		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.DYTI	Dytiscidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
111963	Dytiscidae		count	Actual				
111963A	Dytiscidae		count	Actual				
111966	Agabus		count	Actual				
112072	Agabetes		count	Actual				
112074	Acilius		count	Actual				
112109	Thermonectus		count	Actual				
112118	Dytiscus		count	Actual				
112145	Desmopachria		count	Actual				
112153	Deronectes		count	Actual				
112159	Derovatellus		count	Actual				
112163	Eretes		count	Actual				
112181	Ilybius		count	Actual				
112200	Hygrotus		count	Actual				
112257	Hydrovatus		count	Actual				
112278	Laccophilus		count	Actual				
112322	Bidessus		count	Actual				
112364	Cybister		count	Actual				
112379	Colymbetes		count	Actual				
112390	Hydroporus		count	Actual				
112412	Hydroporus niger		count	Actual				
112561	Copelatus		count	Actual				
112575	Uvarus		count	Actual				
112587	Potamonectes		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.ELMI	Elmidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
114093	Elmidae		count	Actual				
114093A	Elmidae		count	Actual				
114095	Stenelmis		count	Actual				
114095A	Stenelmis		count	Actual				
114101	Stenelmis concinna		count	Actual				
114102	Stenelmis crenata		count	Actual				
114104	Stenelmis decorata		count	Actual				
114105	Stenelmis humerosa		count	Actual				
114107	Stenelmis lateralis		count	Actual				
114108	Stenelmis markeli		count	Actual				
114109	Stenelmis mera		count	Actual				
114110	Stenelmis mirabilis		count	Actual				
114112	Stenelmis sandersoni		count	Actual				
114115	Stenelmis vittipennis		count	Actual				
114126	Dubiraphia		count	Actual				
114126A	Dubiraphia		count	Actual				
114129	Dubiraphia bivittata		count	Actual				
114130	Dubiraphia quadrinotata		count	Actual				
114146	Microcyloepus		count	Actual				
114147	Microcyloepus pusillus		count	Actual				
114147A	Microcyloepus pusillus		count	Actual				
114149	Microcyloepus pusillus pusillus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
114177	Optioservus		count	Actual				
114177A	Optioservus		count	Actual				
114184	Optioservus immunis		count	Actual				
114185	Optioservus ovalis		count	Actual				
114186	Optioservus trivittatus		count	Actual				
114193	Ancyronyx		count	Actual				
114193A	Ancyronyx		count	Actual				
114194	Ancyronyx variegatus		count	Actual				
114194A	Ancyronyx variegatus		count	Actual				
114212	Macronychus		count	Actual				
114213	Macronychus glabratus		count	Actual				
114213A	Macronychus glabratus		count	Actual				
114229	Promoresia		count	Actual				
114229A	Promoresia		count	Actual				
114230	Promoresia elegans		count	Actual				
114231	Promoresia tardella		count	Actual				
114244	Oulimnius		count	Actual				
114244A	Oulimnius		count	Actual				
114245	Oulimnius latiusculus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.EMPI	Empididae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
135830	Empididae		count	Actual				
135849	Clinocera		count	Actual				
135864	Clinocera stagnalis		count	Actual				
136305	Chelifera		count	Actual				
136320	Chelifera precatorea		count	Actual				
136327	Hemerodromia		count	Actual				
136340	Hemerodromia rogatoris		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.EPHE	Ephemerellidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101232	Ephemerellidae		count	Actual				
101233	Ephemerella		count	Actual				
101241	Ephemerella subvaria		count	Actual				
101255	Ephemerella aurivillii		count	Actual				
101272	Ephemerella dorothea		count	Actual				
101282	Ephemerella invaria		count	Actual				
101291	Ephemerella needhami		count	Actual				
101296	Ephemerella rotunda		count	Actual				
101299	Ephemerella septentrionalis		count	Actual				
101303	Ephemerella spiculosa		count	Actual				
101312	Ephemerella walkeri		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101317	Timpanoga		count	Actual				
101324	Eurylophella		count	Actual				
101326	Eurylophella temporalis		count	Actual				
101332	Eurylophella funeralis		count	Actual				
101334	Eurylophella bicolor		count	Actual				
101336	Eurylophella aestiva		count	Actual				
101338	Attenella		count	Actual				
101340	Attenella attenuata		count	Actual				
101360	Dannella		count	Actual				
101361	Dannella lita		count	Actual				
101363	Dannella simplex		count	Actual				
101365	Drunella		count	Actual				
101366	Drunella cornutella		count	Actual				
101395	Serratella		count	Actual				
101396	Serratella deficiens		count	Actual				
101397	Ephemerella deficiens		count	Actual				
185972	Drunella lata		count	Actual				
185973	Drunella walkeri		count	Actual				
185975	Serratella serratoides		count	Actual				
185976	Serratella serrata		count	Actual				
609595	Drunella cornuta		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.EPHEM	Ephemeridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101525	Ephemeraidae		count	Actual				
101526	Ephemera		count	Actual				
101537	Hexagenia		count	Actual				
101566	Litobrancha		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.EPHY	Ephydriidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
146893	Ephydriidae		count	Actual				
147096	Psilopa		count	Actual				
147117	Hydrellia		count	Actual				
147303	Brachydeutera		count	Actual				
147304	Brachydeutera argentata		count	Actual				
147486	Ephydra		count	Actual				
147568	Scatella		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.GLOS	Glossosomatidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115221	Protoptila		count	Actual				
115223	Protoptila maculata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
117120	Glossosomatidae		count	Actual				
117121	Agapetus		count	Actual				
117159	Glossosoma		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.GYRI	Gyrinidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
112653	Gyrinidae		count	Actual				
112654	Gyrinus		count	Actual				
112711	Dineutus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.HALI	Haliplidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
111857	Haliplidae		count	Actual				
111858	Haliphus		count	Actual				
111923	Peltodytes		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.HEL1	Helicopsychidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
117015	Helicopsychidae		count	Actual				
117016	Helicopsyche		count	Actual				
117020	Helicopsyche borealis		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.HELO	Helodidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
113923	Helodidae		count	Actual				
113929	Scirtes		count	Actual				
113948	Cyphon		count	Actual				
113969	Elodes		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.HEPT	Heptageniidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100504	Heptageniidae		count	Actual				
100505	Arthroplea		count	Actual				
100507	Stenonema		count	Actual				
100508	Stenonema annexum		count	Actual				
100509	Stenonema pulchellum		count	Actual				
100512	Stenonema bipunctatum		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100514	Stenonema exiguum		count	Actual				
100516	Stenonema femoratum		count	Actual				
100517	Stenonema fuscum		count	Actual				
100521	Stenonema integrum		count	Actual				
100527	Stenonema ithaca		count	Actual				
100529	Stenonema luteum		count	Actual				
100530	Stenonema mediopunctatum		count	Actual				
100532	Stenonema modestum		count	Actual				
100535	Stenonema nepotellum		count	Actual				
100536	Stenonema pudicum		count	Actual				
100537	Stenonema quinquespinum		count	Actual				
100538	Stenonema rubromaculatum		count	Actual				
100539	Stenonema rubrum		count	Actual				
100541	Stenonema smithae		count	Actual				
100542	Stenonema terminatum		count	Actual				
100543	Stenonema tripunctatum		count	Actual				
100548	Stenonema vicarium		count	Actual				
100557	Cinygmula		count	Actual				
100602	Heptagenia		count	Actual				
100613	Heptagenia lucidipennis		count	Actual				
100626	Epeorus		count	Actual				
100676	Leucrocuta		count	Actual				
100692	Nixe		count	Actual				
100695	Nixe lucidipennis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100713	Stenacron		count	Actual				
100714	Stenacron interpunctatum		count	Actual				
100735	Stenacron carolina		count	Actual				
100736	Stenacron pallidum		count	Actual				
100737	Stenacron candidum		count	Actual				
100742	Stenacron minnetonka		count	Actual				
103939	Hydrometra		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.HYDR	Hydrophilidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
112811	Hydrophilidae		count	Actual				
112811A	Hydrophilidae		count	Actual				
112812	Berosus		count	Actual				
112812A	Berosus		count	Actual				
112845	Chaetarthria		count	Actual				
112858	Laccobius		count	Actual				
112858A	Laccobius		count	Actual				
112878	Anacaena		count	Actual				
112909	Paracymus		count	Actual				
112931	Sperchopsis		count	Actual				
112938	Tropisternus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
112938A	Tropisternus		count	Actual				
112973	Enochrus		count	Actual				
112973A	Enochrus		count	Actual				
113039	Cercyon		count	Actual				
113106	Helophorus		count	Actual				
113148	Helocombus		count	Actual				
113149	Helocombus bifidus		count	Actual				
113150	Helochares		count	Actual				
113166	Hydrochus		count	Actual				
113196	Hydrobius		count	Actual				
113204	Hydrophilus		count	Actual				
114430	Eurystethidae		count	Actual				
115570	Ceratopsyche		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.HYDS	Hydropsychidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115398	Hydropsychidae		count	Actual				
115399	Diplectrona		count	Actual				
115402	Diplectrona modesta		count	Actual				
115408	Cheumatopsyche		count	Actual				
115409	Cheumatopsyche campyla		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115453	Hydropsyche		count	Actual				
115454	Hydropsyche betteni		count	Actual				
115461	Hydropsyche cuanis		count	Actual				
115462	Hydropsyche decalda		count	Actual				
115463	Hydropsyche demora		count	Actual				
115472	Hydropsyche leonardi		count	Actual				
115480	Hydropsyche scalaris		count	Actual				
115482	Hydropsyche valanis		count	Actual				
115484	Hydropsyche venularis		count	Actual				
115527	Hydropsyche sparna		count	Actual				
115566	Symphitopsyche		count	Actual				
115577	Symphitopsyche bronta		count	Actual				
115579	Ceratopsyche bronta		count	Actual				
115580	Ceratopsyche morosa		count	Actual				
115582	Symphitopsyche morosa		count	Actual				
115584	Ceratopsyche morosa bifida		count	Actual				
115586	Ceratopsyche slossonae		count	Actual				
115588	Symphitopsyche slossonae		count	Actual				
115589	Ceratopsyche sparna		count	Actual				
115596	Ceratopsyche alhedra		count	Actual				
115598	Symphitopsyche alhedra		count	Actual				
115603	Macrostemum		count	Actual				
115604	Macronemum		count	Actual				
115605	Macronema		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115608	Macrostemum carolina		count	Actual				
568782	Ceratopsyche bifida		count	Actual				
BIFIDA	Symphitopsyche	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.HYDT	Hydroptilidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115629	Hydroptilidae		count	Actual				
115630	Leucotrichia		count	Actual				
115631	Leucotrichia pictipes		count	Actual				
115635	Agraylea		count	Actual				
115641	Hydroptila		count	Actual				
115714	Ochrotrichia		count	Actual				
115779	Oxyethira		count	Actual				
115817	Stactobiella		count	Actual				
115828	Orthotrichia		count	Actual				
115833	Neotrichia		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.LAMP	Lampyridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
113836	Photurus		count	Actual				
LAMPYRIS	Lampyridae	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.LEPC	Leptoceridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116565	Triaenodes		count	Actual				
116575	Triaenodes marginatus		count	Actual				
116599	Mystacides sepulchralis		count	Actual				
206642	Triaenodes abus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.LEPI	Lepidostomatidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116793	Lepidostomatidae		count	Actual				
116794	Lepidostoma		count	Actual				
116897	Theliopsyche		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.LEPT	Leptophlebiidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101095	Leptophlebiidae		count	Actual				
101108	Choroterpes		count	Actual				
101122	Habrophlebiodes		count	Actual				
101126	Habrophlebiodes americana		count	Actual				
101148	Leptophlebia		count	Actual				
101183	Habrophlebia		count	Actual				
101184	Habrophlebia vibrans		count	Actual				
101187	Paraleptophlebia		count	Actual				
116547	Leptoceridae		count	Actual				
116598	Mystacides		count	Actual				
116607	Oecetis		count	Actual				
116613	Oecetis inconspicua		count	Actual				
116643	Oecetis georgia		count	Actual				
116651	Nectopsyche		count	Actual				
116677	Leptocerus		count	Actual				
116678	Leptocerus americanus		count	Actual				
116684	Ceraclaea		count	Actual				
116685	Athripsodes		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.LIMN	Limnephilidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115933	Limnephilidae		count	Actual				
115935	Apatania		count	Actual				
115989	Pseudostenophylax		count	Actual				
115995	Hydatophylax		count	Actual				
115996	Astenophylax		count	Actual				
116001	Hesperophylax		count	Actual				
116046	Neophylax		count	Actual				
116069	Limnephilus		count	Actual				
116303	Frenesia		count	Actual				
116349	Lenarchus		count	Actual				
116382	Ironoquia		count	Actual				
116383	Caborius		count	Actual				
116407	Platycentropus		count	Actual				
116409	Pycnopsyche		count	Actual				
116423	Goera		count	Actual				
116432	Nemotaulius		count	Actual				
116433	Glyphotaelius		count	Actual				
116462	Goerita		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.METR	Metretopodidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101078	Metretopodidae		count	Actual				
101079	Siphloplecton		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.MOLA	Molannidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116473	Molannidae		count	Actual				
116474	Molanna		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.MUSC	Muscidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
150025	Muscidae		count	Actual				
150730	Limnophora		count	Actual				
150756	Lispe		count	Actual				
150805	Lispoides		count	Actual				
150806	Lispoides aequifrons		count	Actual				
150807	Limnophora aequifrons		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.NOTE	Noteridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
112606	Hydrocanthus		count	Actual				
112623	Noteridae		count	Actual				
112623A	Noteridae		count	Actual				
112626	Hydrocanthus iricolor		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.ODON	Odontoceridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103943	Hydrometra martini		count	Actual				
116496	Odontoceridae		count	Actual				
116497	Psilotreta		count	Actual				
116498	Psilotreta frontalis		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.OLIG	Oligoneuriidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101029	Oligoneuriidae		count	Actual				
101041	Isonychia		count	Actual				
101045	Isonychia bicolor		count	Actual				
101060	Isonychia sayi		count	Actual				
101069	Isonychia arida		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PARA	Parajulidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
553115	Parajulus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PECT	Pectinatellidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
156731	Pectinatella magnifica		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PHIL	Philopotamidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115257	Philopotamidae		count	Actual				
115258	Wormaldia		count	Actual				
115273	Chimarra		count	Actual				
115276	Chimarra obscura		count	Actual				
115278	Chimarra aterrima		count	Actual				
115279	Chimarra socia		count	Actual				
115319	Dolophilodes		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PHRY	Phryganeidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115867	Phryganeidae		count	Actual				
115868	Ptilostomis		count	Actual				
115882	Agrypnia		count	Actual				
115892	Phryganea		count	Actual				
115900	Oligostomis		count	Actual				
115911	Banksiola		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.POLY	Polymitarcyidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101569	Polymitarcyidae		count	Actual				
101570	Ephoron		count	Actual				
101579	Tortopus		count	Actual				
115361	Phylocentropus		count	Actual				
117043	Polycentropodidae		count	Actual				
117044	Polycentropus		count	Actual				
117095	Neureclipsis		count	Actual				
117104	Nyctiophylax		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.POTA	Potamanthidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101509	Potamanthidae		count	Actual				
101510	Potamanthus		count	Actual				
568559	Anthopotamus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PSEP	Psephenidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
114069	Psephenidae		count	Actual				
114070	Psephenus		count	Actual				
114072	Psephenus herricki		count	Actual				
114087	Ectopria		count	Actual				
114088	Ectopria nervosa		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PSYC	Psychomyiidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115334	Psychomyiidae		count	Actual				
115335	Psychomyia		count	Actual				
115344	Psychomyia nomada		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115350	Tinodes		count	Actual				
115391	Lype		count	Actual				
115392	Lype diversa		count	Actual				
125351	Psychodidae		count	Actual				
125392	Maruina		count	Actual				
125399	Telmatoscopus		count	Actual				
125400	Telmatoscopus albipunctatus		count	Actual				
125468	Psychoda		count	Actual				
125469	Psychoda alternata		count	Actual				
125514	Pericoma		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PTIL	Ptilodactylidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
114265	Ptilodactylidae		count	Actual				
114667	Anchytarsus		count	Actual				
114668	Anchytarsus bicolor		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.PTYC	Ptychopteridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
125763	Ptychopteridae		count	Actual				
125765	Bittacomorpha		count	Actual				
125766	Bittacomorpha clavipes		count	Actual				
125786	Ptychoptera		count	Actual				
125794	Ptychoptera quadrifasciata		count	Actual				
125795	Ptychoptera rufocincta		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.RHYA	Rhyacophilidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115096	Rhyacophilidae		count	Actual				
115097	Rhyacophila		count	Actual				
115128	Rhyacophila amicis		count	Actual				
115132	Rhyacophila fenestra		count	Actual				
115133	Rhyacophila fuscula		count	Actual				
115138	Rhyacophila nigrita		count	Actual				
115143	Rhyacophila glaberrima		count	Actual				
115149	Rhyacophila manistee		count	Actual				
115150	Rhyacophila invaria		count	Actual				
115162	Rhyacophila melita		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.SALD	Saldidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
104080	Salda		count	Actual				
104140	Saldula		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.SCIO	Sciomyzidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
144653	Sciomyzidae		count	Actual				
144789	Dictya		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.SERI	Sericostomatidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116982	Sericostomatidae		count	Actual				
116983	Agarodes		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.SIMU	Simuliidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
126640	Simuliidae		count	Actual				
126649	Cnephia		count	Actual				
126650	Cnephia dacotensis		count	Actual				
126658	Cnephia mutata		count	Actual				
126667	Greniera		count	Actual				
126668	Greniera abdita		count	Actual				
126703	Prosimulium		count	Actual				
126733	Prosimulium magnum		count	Actual				
126774	Simulium		count	Actual				
126808	Simulium decorum		count	Actual				
126833	Simulium tuberosum		count	Actual				
126883	Simulium turmale		count	Actual				
126892	Simulium venustum		count	Actual				
126903	Simulium vittatum		count	Actual				
126918	Simulium aureum		count	Actual				
141417	Syritta		count	Actual				
553076	Prosimulium hirtipes		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.SIPH	Siphonuridae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100951	Siphonuridae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100953	Siphonurus		count	Actual				
100982	Parameletus		count	Actual				
100996	Ameletus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.STAP	Staphylinidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
113265	Staphylinidae		count	Actual				
113304	Bledius		count	Actual				
113576	Stenus		count	Actual				
113756	Phytosus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.STRA	Stratiomyidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
130150	Stratiomyidae		count	Actual				
130573	Odontomyia		count	Actual				
130627	Stratiomys		count	Actual				
130694	Nemotelus		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.SYRP	Syrphidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
139621	Syrphidae		count	Actual				
141419	Syrpita pipiens		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.TABA	Tabanidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
130934	Tabanidae		count	Actual				
131078	Chrysops		count	Actual				
131527	Tabanus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.TANY	Tanyderidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
125799	Tanyderidae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.TELL	Tellinidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
81055	Macoma tenta		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.TIPU	Tipulidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
118840	Tipulidae		count	Actual				
118890	Holorusia		count	Actual				
119008	Prionocera		count	Actual				
119037	Tipula		count	Actual				
119041	Tipula abdominalis		count	Actual				
119269	Tipula ignobilis		count	Actual				
119645	Phalacrocer		count	Actual				
119656	Antocha		count	Actual				
119690	Heli		count	Actual				
119697	Elliptera		count	Actual				
119704	Limonia		count	Actual				
119938	Limonia rostrata		count	Actual				
120049	Dactylolabis		count	Actual				
120094	Hexatoma		count	Actual				
120129	Hexatoma fultonensis		count	Actual				
120141	Hexatoma megacera		count	Actual				
120153	Hexatoma spinosa		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
120164	Limnophila		count	Actual				
120335	Pilaria		count	Actual				
120353	Pilaria tenuipes		count	Actual				
120365	Pseudolimnophila		count	Actual				
120503	Erioptera		count	Actual				
120515	Erioptera cana		count	Actual				
120519	Erioptera chlorophylla		count	Actual				
120640	Gonomyia		count	Actual				
120732	Hesperoconopa		count	Actual				
120758	Molophilus		count	Actual				
120830	Ormosia		count	Actual				
121027	Dicranota		count	Actual				
121118	Pedicia		count	Actual				
128776	Limnophyes		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.TORR	Torrenticolidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
83254	Torrenticola		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BF.TRIC	Tricorythidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101404	Tricorythidae		count	Actual				
101405	Tricorythodes		count	Actual				
101407	Tricorythodes allectus		count	Actual				
115569	Symphitopsyche riola		count	Actual				
115590	Symphitopsyche sparna		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BFBM	BFBM Lab Measurements	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, corrected for pheophytin	ug/l	Total	Calculated					445	
P32209	Chlorophyll a, corrected for pheophytin	ug/l	Total	Calculated					445	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BK.ANIM	Animalia	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
154400	Chilopoda		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO. VENE	Veneroida	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.AMPH	Amphipoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
193517	Crangonyx serratus		count	Actual				
93745	Gammaridae		count	Actual				
93773	Gammarus		count	Actual				
93780	Gammarus fasciatus		count	Actual				
93862	Stygonectes		count	Actual				
93908	Stygonectes indentatus		count	Actual				
93947	Synurella		count	Actual				
93949	Synurella chamberlaini		count	Actual				
94025	Hyalella		count	Actual				
94026	Hyalella azteca		count	Actual				
95032	Talitridae		count	Actual				
95081	Crangonyx		count	Actual				
95082	Crangonyx pseudogracilis		count	Actual				
95088	Crangonyx richmondensis		count	Actual				
95098	Crangonyx shoemakeri		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.BIVA	Bivalvia	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.BRYO	Bryozoa	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
155543	Paludicellidae		count	Actual				
155544	Paludicella		count	Actual				
155546	Paludicella articulata		count	Actual				
156690	Plumatellidae		count	Actual				
156691	Plumatella		count	Actual				
156692	Plumatella repens		count	Actual				
156693	Plumatella casmiana		count	Actual				
156694	Plumatella fruticosa		count	Actual				
156702	Hyalinella		count	Actual				
156705	Hyalinella punctata		count	Actual				
156708	Cristatellidae		count	Actual				
156709	Cristatella		count	Actual				
156710	Cristatella mucedo		count	Actual				
156721	Fredericellidae		count	Actual				
156722	Fredericella		count	Actual				
156723	Fredericella sultana		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.CALA	Calanoida	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
85778	Osphranticum labronectum		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.CHIL	Chilopoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
553112	Geophilus		count	Actual				
553113	Lithobius		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.CLAD	Cladocera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
83834	Sididae		count	Actual				
83861	Sida		count	Actual				
83864	Latona		count	Actual				
83865	Latona setifera		count	Actual				
83869	Latonopsis		count	Actual				
83872	Daphniidae		count	Actual				
83873	Daphnia		count	Actual				
83899	Simocephalus		count	Actual				
83900	Simocephalus exspinosus		count	Actual				
83902	Simocephalus vetulus		count	Actual				
83905	Ceriodaphnia		count	Actual				
83920	Scapholeberis		count	Actual				
83973	Chydoridae		count	Actual				
83992	Chydorus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
84016	Eurycercus		count	Actual				
84017	Eurycercus lamellatus		count	Actual				
84116	Macrothricidae		count	Actual				
84132	Ilyocryptus		count	Actual				
84134	Ilyocryptus sordidus		count	Actual				
84137	Ilyocryptus acutifrons		count	Actual				
84150	Acantholeberis		count	Actual				
84151	Acantholeberis curvirostris		count	Actual				
OPHRYOXU	Macrothricidae	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.COEL	Coelenterata	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
48892	Cordylophora		count	Actual				
48894	Cordylophora lacustris		count	Actual				
50844	Hydridae		count	Actual				
50845	Hydra		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.COLE	Coleoptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
112606	Noteridae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.COLL	Collembola	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100077	Xenylla		count	Actual				
100109	Tafallia		count	Actual				
100110	Hoffia		count	Actual				
100114	Hypogastruridae	sp.1	count	Actual				
100181	Anurida		count	Actual				
100226	Neanura		count	Actual				
99237	Collembola		count	Actual				
99239	Poduridae		count	Actual				
99240	Podura		count	Actual				
99241	Podura aquatica		count	Actual				
99245	Isotomidae		count	Actual				
99246	Isotomurus		count	Actual				
99247	Isotomurus palustris		count	Actual				
99314	Isotoma		count	Actual				
99395	Folsomia		count	Actual				
99502	Archisotoma		count	Actual				
99546	Onychiuridae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
99547	Tullbergia		count	Actual				
99579	Onychiurus		count	Actual				
99643	Entomobryidae		count	Actual				
99645	Entomobrya		count	Actual				
99864	Cyphoderus		count	Actual				
99888	Tomocerus		count	Actual				
99917	Hypogastruridae		count	Actual				
99918	Hypogastrura		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.COPE	Copepoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
572734	Macrocyclus fuscus		count	Actual				
85779	Diaptomidae		count	Actual				
85780	Diaptomus		count	Actual				
88234	Attheyella illinoisensis		count	Actual				
88634	Cyclopidae		count	Actual				
88640	Cyclops		count	Actual				
88641	Cyclops vernalis		count	Actual				
88681	Cyclops viridis		count	Actual				
88691	Mesocyclops		count	Actual				
88719	Eucyclops		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
88720	Eucyclops agilis		count	Actual				
88731	Paracyclops		count	Actual				
88737	Macrocyclus		count	Actual				
88738	Macrocyclus albidus		count	Actual				
88755	Orthocyclops		count	Actual				
88756	Orthocyclops modestus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.DECA	Decapoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
96213	Palaemonidae		count	Actual				
96383	Palaemonetes		count	Actual				
96385	Palaemonetes paludosus		count	Actual				
97324	Astacidae		count	Actual				
97336	Cambaridae		count	Actual				
97337	Cambarus		count	Actual				
97343	Cambarus bartonii		count	Actual				
97421	Orconectes		count	Actual				
97423	Orconectes limosus		count	Actual				
97461	Orconectes menae		count	Actual				
97473	Orconectes propinquus		count	Actual				
97490	Procambarus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
97492	Procambarus acutus		count	Actual				
ORTMANN2	Astacidae	sp.2	count	Actual				
ORTMANNI	Astacidae	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.DIPL	Diplopoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
189352	Oxidus gracilis		count	Actual				
569169	Cambala		count	Actual				
569929	Cambala annulata		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.GAST	Gastropoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
205210	Menetus dilatatus		count	Actual				
205211	Planorbella trivolvis trivolvis		count	Actual				
553117	Physella heterostropha pomila		count	Actual				
566959	Cionella		count	Actual				
567367	Cionella lubrica		count	Actual				
69459	Gastropoda		count	Actual				
70304	Viviparidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
70305	Viviparus		count	Actual				
70307	Viviparus georgianus		count	Actual				
70311	Campeloma		count	Actual				
70312	Campeloma decisum		count	Actual				
70345	Valvatidae		count	Actual				
70346	Valvata		count	Actual				
70354	Valvata tricarinata		count	Actual				
70355	Valvata bicarinata		count	Actual				
70357	Valvata bicarinata normalis		count	Actual				
70493	Hydrobiidae		count	Actual				
70494	Hydrobia		count	Actual				
70545	Lyogyrus		count	Actual				
70546	Lyogyrus granum		count	Actual				
70548	Somatogyrus		count	Actual				
70664	Gillia		count	Actual				
70665	Gillia altilis		count	Actual				
70689	Paludestrema		count	Actual				
70690	Paludestrema bottimeri		count	Actual				
70747	Amnicola		count	Actual				
70748	Amnicola limosus		count	Actual				
71541	Pleuroceridae		count	Actual				
71549	Pleurocera		count	Actual				
71550	Pleurocera acuta		count	Actual				
71601	Leptoixis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
71654	Elimia		count	Actual				
71851	Elimia virginica		count	Actual				
71879	Lithasia		count	Actual				
71885	Lithasia obovata		count	Actual				
76483	Lymnaeidae		count	Actual				
76497	Fossaria		count	Actual				
76504	Fossaria obrussa		count	Actual				
76528	Pseudosuccinea		count	Actual				
76529	Pseudosuccinea columella		count	Actual				
76534	Stagnicola		count	Actual				
76535	Stagnicola caperata		count	Actual				
76538	Stagnicola catascopium		count	Actual				
76568	Ancylidae		count	Actual				
76569	Ferrissia		count	Actual				
76571	Ferrissia parallela		count	Actual				
76572	Ferrissia rivularis		count	Actual				
76576	Laevapex		count	Actual				
76577	Laevapex fuscus		count	Actual				
76591	Planorbidae		count	Actual				
76592	Gyraulus		count	Actual				
76593	Gyraulus circumstriatus		count	Actual				
76594	Gyraulus deflectus		count	Actual				
76595	Gyraulus parvus		count	Actual				
76599	Helisoma		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
76600	Helisoma anceps		count	Actual				
76601	Helisoma anceps anceps		count	Actual				
76611	Helisoma trivolvis		count	Actual				
76621	Promenetus		count	Actual				
76622	Promenetus exacuus		count	Actual				
76626	Menetus		count	Actual				
76629	Planorbula		count	Actual				
76630	Planorbula armigera		count	Actual				
76654	Planorbella		count	Actual				
76671	Planorbella trivolvis		count	Actual				
76676	Physidae		count	Actual				
76677	Physa		count	Actual				
76695	Aplexa		count	Actual				
76697	Aplexa elongata		count	Actual				
76698	Physella		count	Actual				
76715	Physella vinosa		count	Actual				
76735	Physella gyrina		count	Actual				
76736	Physella heterostropha		count	Actual				
76738	Physella integra		count	Actual				
77290	Zonitoides		count	Actual				
77291	Zonitoides arboreus		count	Actual				
77369	Helicodiscus parallelus		count	Actual				
77395	Discus		count	Actual				
77399	Discus cronkhitei		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
AUREA	Physella	sp.1	count	Actual				
CYLINDRI	Physella	sp.2	count	Actual				
GYRINA AUREA	Physella	sp.1	count	Actual				
GYRINA CYLINDRICA	Physella	sp.2	count	Actual				
INTEGRA	Physella	sp.3	count	Actual				
INTEGRA BREVISPIRA	Physella	sp.4	count	Actual				
INTEGRA INTEGRA	Physella	sp.5	count	Actual				
LIMOLIMO	Amnicola	sp.1	count	Actual				
SUCCINEA	Lymnaeidae	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.HAPL	Haplotaxida	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68898	Dero		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.HEMI	Hemiptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103364	Corixidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103365	Ramphocorixa		count	Actual				
103369	Sigara		count	Actual				
103423	Trichocorixa		count	Actual				
103431	Trichocorixa verticalis		count	Actual				
103444	Hesperocorixa		count	Actual				
103491	Palmacorixa		count	Actual				
103514	Callicorixa		count	Actual				
103557	Notonectidae		count	Actual				
103558	Notonecta		count	Actual				
103568	Notonecta undulata		count	Actual				
103573	Notonecta irrorata		count	Actual				
103575	Notonecta uhleri		count	Actual				
103576	Notonecta insulata		count	Actual				
103583	Buenoa		count	Actual				
103587	Metrobates		count	Actual				
103602	Pleidae		count	Actual				
103603	Neoplea		count	Actual				
103604	Neoplea striola		count	Actual				
103683	Belostomatidae		count	Actual				
103684	Belostoma		count	Actual				
103699	Lethocerus		count	Actual				
103709	Lethocerus americanus		count	Actual				
103747	Nepidae		count	Actual				
103748	Ranatra		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103765	Nepa		count	Actual				
103766	Nepa apiculata		count	Actual				
103801	Gerridae		count	Actual				
103802	Rheumatobates		count	Actual				
103811	Trepobates		count	Actual				
103815	Trepobates pictus		count	Actual				
103829	Gerris		count	Actual				
103840	Gerris marginatus		count	Actual				
103841	Gerris remigis		count	Actual				
103859	Metrobates hesperius		count	Actual				
103885	Veliidae		count	Actual				
103886	Rhagovelia		count	Actual				
103887	Rhagovelia obesa		count	Actual				
103900	Microvelia		count	Actual				
103910	Microvelia pulchella		count	Actual				
103953	Mesoveliidae		count	Actual				
103954	Mesovelia		count	Actual				
103956	Mesovelia mulsanti		count	Actual				
AQUARIUS	Gerridae	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.HETE	Heteroptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103613	Naucoridae		count	Actual				
103866	Rhagovelia		count	Actual				
103965	Hebrus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.HIRU	Hirudinea	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
69296	Piscicolidae		count	Actual				
69304	Piscicola		count	Actual				
69306	Piscicola punctata		count	Actual				
69315	Myzobdella		count	Actual				
69316	Myzobdella lugubris		count	Actual				
69357	Glossiphoniidae		count	Actual				
69358	Batracobdella		count	Actual				
69359	Batracobdella paludosa		count	Actual				
69362	Batracobdella picta		count	Actual				
69363	Placobdella		count	Actual				
69364	Placobdella papillifera		count	Actual				
69365	Placobdella parasitica		count	Actual				
69366	Placobdella ornata		count	Actual				
69367	Placobdella multilineata		count	Actual				
69368	Placobdella montifera		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
69369	Placobdella hollensis		count	Actual				
69372	Placobdella translucens		count	Actual				
69373	Placobdella phalera		count	Actual				
69374	Batracobdella phalera		count	Actual				
69380	Glossiphonia		count	Actual				
69382	Marvinmeyeria		count	Actual				
69384	Actinobdella		count	Actual				
69388	Alboglossiphonia		count	Actual				
69389	Alboglossiphonia heteroclita		count	Actual				
69394	Oligobdella		count	Actual				
69395	Oligobdella biannulata		count	Actual				
69396	Helobdella		count	Actual				
69397	Helobdella elongata		count	Actual				
69398	Helobdella stagnalis		count	Actual				
69399	Helobdella triserialis		count	Actual				
69401	Helobdella fusca		count	Actual				
69407	Hirudinidae		count	Actual				
69408	Haemopis		count	Actual				
69412	Haemopis marmorata		count	Actual				
69438	Erpobdellidae		count	Actual				
69439	Dina		count	Actual				
69443	Dina anoculata		count	Actual				
69444	Erpobdella		count	Actual				
69445	Erpobdella punctata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
69446	Erpobdella punctata punctata		count	Actual				
69449	Mooreobdella		count	Actual				
69450	Mooreobdella microstoma		count	Actual				
69451	Mooreobdella fervida		count	Actual				
69453	Mooreobdella melanostoma		count	Actual				
69454	Mooreobdella tetragon		count	Actual				
69455	Nephelopsis		count	Actual				
69456	Nephelopsis obscura		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.HYDR	Hydracarina	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
82769	Trombidiformes		count	Actual				
82862	Arrenuridae		count	Actual				
82864	Arrenurus		count	Actual				
82974	Aturus		count	Actual				
83005	Sperchonidae		count	Actual				
83006	Sperchon		count	Actual				
83029	Sperchonopsis		count	Actual				
83031	Sperchonopsis verrucosa		count	Actual				
83033	Lebertiidae		count	Actual				
83034	Lebertia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
83050	Limnesiidae		count	Actual				
83051	Limnesia		count	Actual				
83068	Tyrrellia		count	Actual				
83072	Unionicolidae		count	Actual				
83073	Unionicola		count	Actual				
83093	Koenikea		count	Actual				
83103	Neumania		count	Actual				
83172	Wandesia		count	Actual				
83212	Hydryphantidae		count	Actual				
83213	Hydryphantes		count	Actual				
83240	Frontipoda		count	Actual				
83241	Frontipoda americana		count	Actual				
83281	Hygrobatidae		count	Actual				
83282	Atractides		count	Actual				
83297	Hygrobates		count	Actual				
83330	Pionidae		count	Actual				
83342	Hydrochoreutes		count	Actual				
83344	Hydrochoreutes ungulatus		count	Actual				
83350	Piona		count	Actual				
83434	Axonopsidae		count	Actual				
83444	Brachypoda		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.ISOP	Isopoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
206378	Oniscus		count	Actual				
206379	Oniscus asellus		count	Actual				
553075	Cylisticus		count	Actual				
92657	Asellidae		count	Actual				
92658	Asellus		count	Actual				
92661	Asellus obtusus		count	Actual				
92663	Asellus communis		count	Actual				
92666	Lirceus		count	Actual				
92668	Lirceus fontinalis		count	Actual				
92671	Lirceus lineatus		count	Actual				
92679	Lirceus brachyurus		count	Actual				
92686	Caecidotea		count	Actual				
92693	Caecidotea racovitzai		count	Actual				
92694	Caecidotea racovitzai racovitzai		count	Actual				
92701	Caecidotea forbesi		count	Actual				
92702	Asellus forbesi (Archaic)		count	Actual				
92705	Caecidotea nodulus		count	Actual				
92706	Asellus nodulus		count	Actual				
93262	Oniscidae		count	Actual				
93272	Porcellionides		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.LEPI	Lepidoptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
117641	Pyralidae		count	Actual				
117642	Paraponyx		count	Actual				
117654	Synclita		count	Actual				
117659	Nymphula		count	Actual				
117665	Elophila		count	Actual				
117682	Petrophila		count	Actual				
117683	Parargyractis		count	Actual				
117714	Parapoynx		count	Actual				
117741	Acentria		count	Actual				
117758	Nymphuliella		count	Actual				
118745	Nepticulidae		count	Actual				
118746	Nepticula		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.LUMB	Lumbriculidae	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68422	Oligochaeta		count	Actual				
68452	Stylodrilus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.MEGA	Megaloptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115001	Sialidae		count	Actual				
115002	Sialis		count	Actual				
115010	Sialis mohri		count	Actual				
115011	Sialis velata		count	Actual				
115016	Sialis hasta		count	Actual				
115017	Sialis iola		count	Actual				
115018	Sialis joppa		count	Actual				
115023	Corydalidae		count	Actual				
115024	Chauliodes		count	Actual				
115025	Chauliodes rastricornis		count	Actual				
115027	Chauliodes pectinicornis		count	Actual				
115028	Nigronia		count	Actual				
115029	Nigronia fasciatus		count	Actual				
115031	Nigronia serricornis		count	Actual				
115033	Corydalus		count	Actual				
115034	Corydalus cornutus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.NEMA	Nematoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
59490	Nematoda		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.NEME	Nemertea	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
193496	Prostoma rubrum		count	Actual				
57556	Tetrastemmatidae		count	Actual				
57577	Prostoma		count	Actual				
57578	Prostoma graecense		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.NEUR	Neuroptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115086	Climacia		count	Actual				
115087	Climacia areolaris		count	Actual				
115090	Sisyra		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.ODON	Odonata	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101596	Aeshnidae		count	Actual				
101597	Anax		count	Actual				
101598	Anax junius		count	Actual				
101602	Aeschna		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101603	Aeshna		count	Actual				
101614	Aeschna interrupta		count	Actual				
101634	Gomphaeschna		count	Actual				
101635	Gomphaeschna furcillata		count	Actual				
101645	Boyeria		count	Actual				
101647	Boyeria vinosa		count	Actual				
101648	Basiaeschna		count	Actual				
101649	Basiaeschna janata		count	Actual				
101664	Gomphidae		count	Actual				
101665	Gomphus		count	Actual				
101679	Gomphus exilis		count	Actual				
101714	Gomphus spicatus		count	Actual				
101718	Progomphus		count	Actual				
101720	Progomphus obscurus		count	Actual				
101730	Dromogomphus		count	Actual				
101732	Dromogomphus spinosus		count	Actual				
101734	Hagenius		count	Actual				
101735	Hagenius brevistylus		count	Actual				
101736	Octogomphus		count	Actual				
101738	Ophiogomphus		count	Actual				
101761	Stylogomphus		count	Actual				
101762	Stylogomphus albistylus		count	Actual				
101766	Lanthus		count	Actual				
101767	Lanthus albistylus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101768	Lanthus parvulus		count	Actual				
101770	Arigomphus		count	Actual				
101797	Libellulidae		count	Actual				
101798	Pachydiplax		count	Actual				
101799	Pachydiplax longipennis		count	Actual				
101803	Perithemis		count	Actual				
101808	Plathemis		count	Actual				
101809	Plathemis lydia		count	Actual				
101818	Tamea		count	Actual				
101820	Tamea carolina		count	Actual				
101851	Didymops		count	Actual				
101852	Didymops transversa		count	Actual				
101854	Dorocordulia		count	Actual				
101862	Epicordulia		count	Actual				
101865	Erythemis		count	Actual				
101866	Erythemis simplicicollis		count	Actual				
101870	Erythrodiplax		count	Actual				
101878	Helocordulia		count	Actual				
101880	Helocordulia uhleri		count	Actual				
101893	Libellula		count	Actual				
101904	Libellula vibrans		count	Actual				
101910	Libellula exusta		count	Actual				
101918	Macromia		count	Actual				
101921	Macromia illinoiensis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101934	Neurocordulia		count	Actual				
101939	Neurocordulia obsoleta		count	Actual				
101947	Somatochlora		count	Actual				
101950	Somatochlora tenebrosa		count	Actual				
101959	Somatochlora provocans		count	Actual				
101966	Somatochlora forcipata		count	Actual				
101976	Sympetrum		count	Actual				
101994	Tetragoneuria		count	Actual				
102019	Macromiidae		count	Actual				
102020	Corduliidae		count	Actual				
102026	Cordulegastridae		count	Actual				
102027	Cordulegaster		count	Actual				
102028	Cordulegaster diastatops		count	Actual				
102031	Cordulegaster maculata		count	Actual				
102043	Calopterygidae		count	Actual				
102045	Agrion		count	Actual				
102048	Hetaerina		count	Actual				
102050	Hetaerina americana		count	Actual				
102052	Calopteryx		count	Actual				
102058	Lestidae		count	Actual				
102061	Lestes		count	Actual				
102072	Lestes vigilax		count	Actual				
102077	Coenagrionidae		count	Actual				
102078	Ischnura		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102079	Ischnura verticalis		count	Actual				
102082	Ischnura posita		count	Actual				
102091	Anomalagrion		count	Actual				
102093	Amphiagrion		count	Actual				
102102	Enallagma		count	Actual				
102112	Enallagma exsulans		count	Actual				
102129	Enallagma hageni		count	Actual				
102133	Chromagrion		count	Actual				
102134	Chromagrion conditum		count	Actual				
102135	Nehalennia		count	Actual				
102139	Argia		count	Actual				
102140	Argia apicalis		count	Actual				
102141	Argia bipunctulata		count	Actual				
102146	Argia moesta		count	Actual				
102154	Argia violacea		count	Actual				
103665	Pelocoris		count	Actual				
553072	Perithemis domitia		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.OLIG	Oligochaeta	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
125854	Dixella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
204812	Pristina schmiederi		count	Actual				
68423	Aeolosomatidae		count	Actual				
68424	Aeolosoma		count	Actual				
68426	Aeolosoma headleyi		count	Actual				
68428	Aeolosoma tenebrarum		count	Actual				
68441	Lumbriculus		count	Actual				
68444	Lumbricus variegatus		count	Actual				
68450	Stylodrilus		count	Actual				
68473	Eclipidrilus		count	Actual				
68504	Haplotaxidae		count	Actual				
68505	Haplotaxis		count	Actual				
68507	Haplotaxis gordioides		count	Actual				
68510	Enchytraeidae		count	Actual				
68511	Lumbricillus		count	Actual				
68585	Tubificidae		count	Actual				
68588	Peloscolex		count	Actual				
68609	Peloscolex ferox		count	Actual				
68610	Spirosperma ferox		count	Actual				
68619	Branchiura		count	Actual				
68621	Branchiura sowerbyi		count	Actual				
68622	Tubifex		count	Actual				
68623	Tubifex tubifex		count	Actual				
68638	Limnodrilus		count	Actual				
68639	Limnodrilus hoffmeisteri		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68644	Limnodrilus udekemianus		count	Actual				
68654	Limnodrilus claparedianus		count	Actual				
68679	Aulodrilus		count	Actual				
68680	Aulodrilus pigueti		count	Actual				
68684	Aulodrilus plurisetia		count	Actual				
68722	Monopylephorus		count	Actual				
68725	Monopylephorus helobius		count	Actual				
68759	Telmatodrilus		count	Actual				
68760	Telmatodrilus vej dovskyi		count	Actual				
68780	Spirosperma		count	Actual				
68781	Spirosperma nikolskyi		count	Actual				
68783	Spirosperma beetoni		count	Actual				
68793	Quistradrilus		count	Actual				
68794	Quistradrilus multisetosus		count	Actual				
68839	Rhyacodrilus		count	Actual				
68840	Lumbriculidae		count	Actual				
68854	Naididae		count	Actual				
68855	Slavina		count	Actual				
68856	Slavina appendiculata		count	Actual				
68871	Stylaria		count	Actual				
68872	Stylaria lacustris		count	Actual				
68873	Stylaria fossularis		count	Actual				
68876	Pristina		count	Actual				
68880	Pristina breviseta		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68881	Pristina foreli		count	Actual				
68883	Pristina longiseta		count	Actual				
68885	Pristina longiseta leidyi		count	Actual				
68887	Pristina osborni		count	Actual				
68898	Dero		count	Actual				
68900	Dero nivea		count	Actual				
68902	Dero flabelliger		count	Actual				
68907	Dero obtusa		count	Actual				
68912	Dero furcata		count	Actual				
68915	Dero vaga		count	Actual				
68934	Chaetogaster		count	Actual				
68935	Chaetogaster diaphanus		count	Actual				
68938	Chaetogaster diastrophus		count	Actual				
68939	Chaetogaster cristallinus		count	Actual				
68943	Chaetogaster limnaei		count	Actual				
68946	Nais		count	Actual				
68947	Nais barbata		count	Actual				
68949	Nais behningi		count	Actual				
68950	Nais communis		count	Actual				
68952	Nais elinguis		count	Actual				
68954	Nais pardalis		count	Actual				
68956	Nais pseudobtusa		count	Actual				
68957	Nais simplex		count	Actual				
68959	Nais variabilis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68961	Nais bretscheri		count	Actual				
68975	Arcteonais		count	Actual				
68976	Arcteonais lomondi		count	Actual				
68984	Specaria		count	Actual				
68985	Specaria josinae		count	Actual				
68995	Ophidonais		count	Actual				
68996	Ophidonais serpentina		count	Actual				
69009	Vejdovskyella		count	Actual				
69010	Vejdovskyella comata		count	Actual				
69024	Pristinella		count	Actual				
69026	Pristinella osborni		count	Actual				
69165	Lumbricidae		count	Actual				
69166	Megascolecidae		count	Actual				
69168	Branchiobdellida		count	Actual				
69169	Branchiobdellidae		count	Actual				
69258	Cambarincola		count	Actual				
69260	Cambarincola macrodontus		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.OSTR	Ostracoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
181131	Cypridae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
181132	Candocypria		count	Actual				
84463	Eucypris		count	Actual				
84476	Eucypris virens		count	Actual				
84481	Cypria		count	Actual				
84494	Cypria maculata		count	Actual				
84531	Cypricercus		count	Actual				
84565	Physocypria		count	Actual				
84568	Cyprinotus		count	Actual				
84591	Herpetocypris		count	Actual				
84618	Cyclocypria		count	Actual				
85132	Candona		count	Actual				
85208	Paracandona		count	Actual				
85213	Cypridopsis		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.PELE	Pelecypoda	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103124	Isogenoides		count	Actual				
112737	Sphaeriidae		count	Actual				
79913	Unionidae		count	Actual				
79915	Alasmidonta		count	Actual				
79919	Alasmidonta undulata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
79930	Anodonta		count	Actual				
79932	Anodonta cataracta		count	Actual				
79941	Anodonta implicata		count	Actual				
79951	Elliptio		count	Actual				
79952	Elliptio complanata		count	Actual				
80150	Strophitus		count	Actual				
80151	Strophitus undulatus		count	Actual				
81381	Corbiculidae		count	Actual				
81385	Corbicula		count	Actual				
81386	Corbicula manilensis		count	Actual				
81387	Corbicula fluminea		count	Actual				
81388	Pisidiidae		count	Actual				
81391	Sphaerium		count	Actual				
81393	Sphaerium fabale		count	Actual				
81396	Sphaerium rhomboideum		count	Actual				
81397	Sphaerium simile		count	Actual				
81398	Sphaerium striatinum		count	Actual				
81399	Sphaerium occidentale		count	Actual				
81400	Pisidium		count	Actual				
81402	Pisidium dubium		count	Actual				
81405	Pisidium casertanum		count	Actual				
81406	Pisidium compressum		count	Actual				
81408	Pisidium fallax		count	Actual				
81418	Pisidium variabile		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
81420	Pisidium walkeri		count	Actual				
81424	Pisidium punctatum		count	Actual				
81427	Musculium		count	Actual				
81428	Musculium transversum		count	Actual				
81429	Sphaerium transversum		count	Actual				
81432	Musculium partumeium		count	Actual				
81433	Sphaerium partumeium		count	Actual				
81434	Musculium securis		count	Actual				
81435	Sphaerium securis		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.PLEC	Plecoptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102470	Pteronarcyidae		count	Actual				
102471	Pteronarcys		count	Actual				
102488	Peltoperlidae		count	Actual				
102489	Peltoperla		count	Actual				
102500	Tallaperla		count	Actual				
102517	Nemouridae		count	Actual				
102518	Brachyptera		count	Actual				
102526	Nemoura		count	Actual				
102535	Nemoura trispinosa		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102540	Amphinemura		count	Actual				
102541	Amphinemura delosa		count	Actual				
102543	Amphinemura wui		count	Actual				
102584	Prostoia		count	Actual				
102589	Prostoia similis		count	Actual				
102622	Ostrocerca		count	Actual				
102626	Ostrocerca truncata		count	Actual				
102642	Nemoura rotunda		count	Actual				
102643	Capniidae		count	Actual				
102644	Allocapnia		count	Actual				
102688	Capnia		count	Actual				
102788	Taeniopterygidae		count	Actual				
102789	Taeniopteryx		count	Actual				
102791	Taeniopteryx burksi		count	Actual				
102796	Taeniopteryx parvula		count	Actual				
102798	Taeniopteryx nivalis		count	Actual				
102804	Paracapnia		count	Actual				
102805	Paracapnia angulata		count	Actual				
102806	Paracapnia opis		count	Actual				
102808	Strophopteryx		count	Actual				
102809	Strophopteryx fasciata		count	Actual				
102816	Taenionema		count	Actual				
102830	Oemopteryx		count	Actual				
102831	Oemopteryx glacialis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102840	Leuctridae		count	Actual				
102844	Leuctra		count	Actual				
102853	Leuctra tenuis		count	Actual				
102868	Leuctra truncata		count	Actual				
102887	Paraleuctra		count	Actual				
102888	Paraleuctra sara		count	Actual				
102914	Perlidae		count	Actual				
102917	Acroneuria		count	Actual				
102918	Acroneuria lycorias		count	Actual				
102919	Acroneuria abnormis		count	Actual				
102922	Acroneuria carolinensis		count	Actual				
102927	Acroneuria perplexa		count	Actual				
102939	Eccoptura		count	Actual				
102940	Eccoptura xanthenes		count	Actual				
102941	Acroneuria xanthenes		count	Actual				
102942	Neoperla		count	Actual				
102944	Neoperla clymene		count	Actual				
102962	Paragnetina		count	Actual				
102966	Paragnetina immarginata		count	Actual				
102968	Paragnetina media		count	Actual				
102975	Agnetina		count	Actual				
102978	Phasganophora		count	Actual				
102979	Agnetina capitata		count	Actual				
102981	Phasganophora capitata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102994	Perlodidae		count	Actual				
102995	Isoperla		count	Actual				
103019	Isoperla similis		count	Actual				
103020	Isoperla holochlora		count	Actual				
103023	Isoperla marlynia		count	Actual				
103036	Isoperla transmarina		count	Actual				
103070	Isogenus		count	Actual				
103137	Cultus		count	Actual				
103202	Chloroperlidae		count	Actual				
103203	Alloperla		count	Actual				
103244	Perlinella		count	Actual				
103246	Perlinella drymo		count	Actual				
103248	Perlinella ephyre		count	Actual				
103251	Perlesta		count	Actual				
103253	Perlesta placida		count	Actual				
103260	Haploperla		count	Actual				
103261	Hastaperla		count	Actual				
103263	Haploperla brevis		count	Actual				
103265	Hastaperla brevis		count	Actual				
103273	Sweltsa		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.POLD	Polydesmida	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
569038	Diplopoda	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.POLY	Polychaeta	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68169	Manayunkia		count	Actual				
68172	Manayunkia speciosa		count	Actual				
68232	Serpulidae		count	Actual				
68308	Mercierella		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.PORI	Porifera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
47691	Spongillidae		count	Actual				
47692	Spongilla		count	Actual				
47693	Spongilla lacustris		count	Actual				
47696	Spongilla aspinosa		count	Actual				
47703	Eunapius		count	Actual				
47705	Eunapius fragilis		count	Actual				
47713	Ephydatia		count	Actual				
47714	Ephydatia fluviatilis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
47729	Heteromeyenia		count	Actual				
47733	Heteromeyenia tubisperma		count	Actual				
47734	Anheteromeyenia		count	Actual				
47735	Anheteromeyenia argyrosperma		count	Actual				
47748	Trochospongilla		count	Actual				
47750	Trochospongilla pennsylvanica		count	Actual				
553073	Eunapius ingloviformis		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.TRIC	Tricoptera	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115373	Cernotina		count	Actual				
116584	Setodes		count	Actual				
568780	Nyctiophylax		count	Actual				
PARANYCT	Polycentropodidae	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.TROM	Trombidiformes	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
83123	Hydrachna		count	Actual				
83146	Limnochara		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
83224	Hydrodromidae		count	Actual				
83479	Mideopsis		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.TURB	Turbellaria	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
54000	Macrostomidae		count	Actual				
54001	Macrostomum		count	Actual				
54276	Geocentrophora		count	Actual				
54308	Mesostoma		count	Actual				
54463	Plagiostomidae		count	Actual				
54464	Hydrolimax		count	Actual				
54465	Hydrolimax grisea		count	Actual				
54469	Dendrocoelidae		count	Actual				
54470	Procotyla		count	Actual				
54471	Procotyla fluviatilis		count	Actual				
54502	Planariidae		count	Actual				
54503	Dugesia		count	Actual				
54504	Dugesia tigrina		count	Actual				
54528	Planaria		count	Actual				
54529	Planaria dactyligera		count	Actual				
54533	Hymanella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
54534	Hymanella retenuova		count	Actual				
54535	Phagocata		count	Actual				
54539	Phagocata velata		count	Actual				
54544	Phagocata morgani		count	Actual				
54545	Phagocata morgani morgani		count	Actual				
54548	Phagocata gracilis		count	Actual				
54549	Phagocata woodworthi		count	Actual				
54553	Cura		count	Actual				
54554	Cura foremanii		count	Actual				
553074	Geocentrophora baltica		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BO.VENE	Veneroida	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DHSS-624	DHSS Volatile Organics	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
100-41-4	Ethylbenzene	ug/l	Total	Actual					624	
10061-01-5	cis-1,3-Dichloropropene	ug/l	Total	Actual					624	
106-46-7	1,4-Dichlorobenzene	ug/l	Total	Actual					624	
107-06-2	Dichloroethane, 1,2-	ug/l	Total	Actual					624	
108-88-3	Toluene	ug/l	Total	Actual					624	
108-90-7	Chlorobenzene	ug/l	Total	Actual					624	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
110-75-8	2-Chloroethyl vinyl ether	ug/l	Total	Actual					624	
124-48-1	Chlorodibromomethane	ug/l	Total	Actual					624	
127-18-4	Tetrachloroethylene	ug/l	Total	Actual					624	
1330-20-7	Xylenes, m- & p- Mix	ug/l	Total	Actual					624	
156-60-5	trans-1,2-Dichloroethylene	ug/l	Total	Actual					624	
1634-04-4	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					624	
541-73-1	1,3-Dichlorobenzene	ug/l	Total	Actual					624	
56-23-5	Carbon tetrachloride	ug/l	Total	Actual					624	
67-66-3	Chloroform	ug/l	Total	Actual					624	
71-43-2	Benzene	ug/l	Total	Actual					624	
71-55-6	Trichloroethane, 1,1,1-	ug/l	Total	Actual					624	
74-83-9	Methyl bromide	ug/l	Total	Actual					624	
74-87-3	Methyl chloride	ug/l	Total	Actual					624	
75-00-3	Chloroethane	ug/l	Total	Actual					624	
75-01-4	Vinyl chloride	ug/l	Total	Actual					624	
75-09-2	Dichloromethane	ug/l	Total	Actual					624	
75-25-2	Bromoform	ug/l	Total	Actual					624	
75-27-4	Dichlorobromomethane	ug/l	Total	Actual					624	
75-34-3	Dichloroethane, 1,1-	ug/l	Total	Actual					624	
75-35-4	1,1-Dichloroethylene	ug/l	Total	Actual					624	
75-65-0	Butyl alcohol, tert-	ug/l	Total	Actual					624	
75-69-4	Trichlorofluoromethane	ug/l	Total	Actual					624	
78-87-5	Dichloropropane, 1,2-	ug/l	Total	Actual					624	
79-00-5	Trichloroethane, 1,1,2-	ug/l	Total	Actual					624	
79-01-6	Trichloroethylene	ug/l	Total	Actual					624	
79-34-5	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					624	
91-20-3	Naphthalene	ug/l	Total	Actual					624	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
95-47-6	Xylene, o-	ug/l	Total	Actual					624	
954-50-1	1,2-Dichlorobenzene	ug/l	Total	Actual					624	
98-82-8	trans-1,3-Dichloropropene	ug/l	Total	Actual					624	
VC127184	Tetrachloroethylene	ug/l	Total	Actual					624	
VC79016	Trichloroethylene	ug/l	Total	Actual					624	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DHSS-625	DHSS Semi-Volatile Organics	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
100-02-7	p-Nitrophenol	ug/l	Total	Actual					625	
101-55-3	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					625	
105-67-9	2,4-Dimethylphenol	ug/l	Total	Actual					625	
106-46-7	1,4-Dichlorobenzene	ug/l	Total	Actual					625	
108-60-1	Bis(2-chloroisopropyl) ether	ug/l	Total	Actual					625	
108-95-2	Phenol	ug/l	Total	Actual					625	
111-44-4	bis(2-chloroethyl) ether	ug/l	Total	Actual					625	
111-91-1	bis(2-chloroethoxy) methane	ug/l	Total	Actual					625	
117-81-7	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					625	
117-84-0	bis(n-octyl) Phthalate	ug/l	Total	Actual					625	
118-74-1	Hexachlorobenzene	ug/l	Total	Actual					625	
120-12-7	Anthracene	ug/l	Total	Actual					625	
120-82-1	1,2,4-Trichlorobenzene	ug/l	Total	Actual					625	
120-83-2	2,4-Dichlorophenol	ug/l	Total	Actual					625	
121-14-2	2,4-Dinitrotoluene	ug/l	Total	Actual					625	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
129-00-0	Pyrene	ug/l	Total	Actual					625	
131-11-3	Dimethyl phthalate	ug/l	Total	Actual					625	
191-24-2	Benzo[g,h,i]perylene	ug/l	Total	Actual					625	
193-39-5	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					625	
205-99-2	Benzo[b]fluoranthene	ug/l	Total	Actual					625	
206-44-0	Fluoranthene	ug/l	Total	Actual					625	
207-08-9	Benzo[k]fluoranthene	ug/l	Total	Actual					625	
208-96-8	Acenaphthylene	ug/l	Total	Actual					625	
218-01-9	Chrysene	ug/l	Total	Actual					625	
50-32-8	Benzo[a]pyrene	ug/l	Total	Actual					625	
51-28-5	Dinitrophenol, 2,4-	ug/l	Total	Actual					625	
53-70-3	Dibenzo[a,h]anthracene	ug/l	Total	Actual					625	
534-52-1	Dinitro-o-cresol	ug/l	Total	Actual					625	
541-73-1	1,3-Dichlorobenzene	ug/l	Total	Actual					625	
55-18-5	Nitrosodiethylamine, n-	ug/l	Total	Actual					625	
56-55-3	Benzo[a]anthracene	ug/l	Total	Actual					625	
59-50-7	4-Chloro-3-methylphenol	ug/l	Total	Actual					625	
606-20-2	2,6-Dinitrotoluene	ug/l	Total	Actual					625	
608-93-5	Pentachlorobenzene	ug/l	Total	Actual					625	
621-64-7	n-Nitrosodipropylamine	ug/l	Total	Actual					625	
67-72-1	Hexachloroethane	ug/l	Total	Actual					625	
7005-72-3	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					625	
77-47-4	Hexachlorocyclopentadiene	ug/l	Total	Actual					625	
78-59-1	Isophorone	ug/l	Total	Actual					625	
83-32-9	Acenaphthene	ug/l	Total	Actual					625	
84-66-2	Diethyl phthalate	ug/l	Total	Actual					625	
84-74-2	Dibutyl phthalate	ug/l	Total	Actual					625	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
85-01-8	Phenanthrene	ug/l	Total	Actual					625	
85-68-7	Butyl benzyl phthalate	ug/l	Total	Actual					625	
86-30-6	n-Nitrosodiphenylamine	ug/l	Total	Actual					625	
86-73-7	Fluorene	ug/l	Total	Actual					625	
87-68-3	Hexachlorobutadiene	ug/l	Total	Actual					625	
87-86-5	Pentachlorophenol (PCP)	ug/l	Total	Actual					625	
88-06-2	2,4,6-Trichlorophenol (TCPH)	ug/l	Total	Actual					625	
88-75-5	Nitrophenol, 2-	ug/l	Total	Actual					625	
91-20-3	Naphthalene	ug/l	Total	Actual					625	
91-58-7	Chloronaphthalene-2	ug/l	Total	Actual					625	
91-94-1	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					625	
924-16-3	Nitrosodibutylamine, n-	ug/l	Total	Actual					625	
930-55-2	Nitrosopyrrolidine, n-	ug/l	Total	Actual					625	
95-50-1	1,2-Dichlorobenzene	ug/l	Total	Actual					625	
95-57-8	Chlorophenol-2	ug/l	Total	Actual					625	
95-95-4	Trichlorophenol, 2,4,5-	ug/l	Total	Actual					625	
98-95-3	nitro-Benzene	ug/l	Total	Actual					625	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DHSS-SED	NJDHSS Sediment Analysis	Sample	Sediment				N
Description Sediment Analysis at the New Jersey Department of Health and Senior Services Laboratory							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CN-SED	Cyanide	mg/kg	Total	Actual					4500-CN(E)	
P00627	Nitrogen, Kjeldahl	mg/kg	Total	Actual					351.1	351.3
P00668	Phosphorus as P	mg/kg	Total	Actual					365.1	365.2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00916	Calcium	mg/kg	Total	Actual						
P00942	Chloride	mg/kg	Total	Actual						
P01003	Arsenic	ug/kg	Total Recovrble	Actual					200.9	200.2-M
P01013	Beryllium	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01023	Boron	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01028	Cadmium	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01029	Chromium	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01043	Copper	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01052	Lead	ug/kg	Total Recovrble	Actual					200.9	200.2-M
P01053	Manganese	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01059	Thallium	ug/kg	Total Recovrble	Actual					200.9	200.2-M
P01068	Nickel	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01078	Silver	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01093	Zinc	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P01148	Selenium	ug/kg	Total Recovrble	Actual					200.9	200.2-M
P01170	Iron	ug/kg	Total Recovrble	Actual					200.7(W)	200.2-M
P04071	Carbon, Total Organic (Toc)	mg/kg	Total	Calculated					5310-C	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P29405	Chromium, hexavalent	ug/kg	Total Recovrble	Actual					I1230	
P71921	Mercury	ug/kg	Total Recovrble	Actual					245.1	
PTR	Solids, Total	% by wt	Total	Calculated					2540-B	
RSTR	Solids, Total	mg/kg	Total	Actual					2540-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DHSS-WAT	NJDHSS Water Analysis	Sample	Water				N

Description Water Analysis at the New Jersey Department of Health and Senior Services Laboratory

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FDFR	Solids, Dissolved	mg/l	Dissolved	Actual					2540-C	
LEEDSP	Phosphorus as P	mg/l	Total	Actual					365.5	
NATPQC	Phosphorus as P	mg/l	Total	Actual						365.2
P00070	Turbidity	NTU		Actual					180.1	
P00095	Specific conductance	mS/cm		Actual				25 Deg C	2510	
P00300	Dissolved oxygen (DO)	mg/l	Total	Actual					4500-O-C	
P00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	5210-B	
P00400	pH	None	Total	Actual					4500-H	
P00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
P00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	
P00530D	Solids, Total Suspended (TSS)	mg/l	Dissolved	Actual					2540-D	
P00608	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	350.2
P00610	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
P00610D	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	350.2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00613	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					353.2	
P00615	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					353.2	
P00623	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual						351.3
P00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	351.3
P00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
P00631	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
P00660	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
P00665	Phosphorus as P	mg/l	Total	Actual					365.1	365.2
P00666	Phosphorus as P	mg/l	Dissolved	Actual					365.1	365.2
P00670	Phosphorus, hydrolyzable as P	mg/l	Total	Actual						
P00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
P00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	
P00681	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					5310-C	
P00689	Carbon, Total Organic (Toc)	mg/l	Suspended	Calculated					5310-C	
P00720	Cyanide	mg/l	Total	Actual					4500-CN(E)	
P00900	Hardness, carbonate	mg/l	Total	Actual					130.1	
P00915	Calcium	mg/l	Dissolved	Actual					200.7(W)	
P00916	Calcium	mg/l	Total	Actual					200.7(W)	
P00925	Magnesium	mg/l	Dissolved	Actual					200.7(W)	200.2-M
P00930	Sodium	mg/l	Dissolved	Actual					200.7(W)	
P00935	Potassium	mg/l	Dissolved	Actual					200.7(W)	
P00940	Chloride	mg/l	Total	Actual					4500-CL-(B)	
P00941	Chloride	mg/l	Dissolved	Actual					4500-CL-(B)	
P00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					I-1472	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00946	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					4500-SO4(E)	
P00950	Fluorides	mg/l	Dissolved	Actual					4500-F-C	4500-F-B
P00955	Silica	mg/l	Dissolved	Actual					4500-SI(D)	
P00956	Silica	mg/l	Total	Actual					4500-SI(D)	
P01000	Arsenic	ug/l	Dissolved	Actual					200.9	200.2-M
P01002	Arsenic	ug/l	Total Recovrble	Actual					200.9	
P01010	Beryllium	ug/l	Dissolved	Actual					200.7(W)	200.2-M
P01012	Beryllium	ug/l	Total Recovrble	Actual					200.7(W)	
P01020	Boron	ug/l	Dissolved	Actual					200.7(W)	200.2-M
P01022	Boron	ug/l	Total Recovrble	Actual					200.7(W)	200.2-M
P01025	Cadmium	ug/l	Dissolved	Actual					200.7(W)	200.2-M
P01027	Cadmium	ug/l	Total Recovrble	Actual					200.7(W)	
P01030	Chromium	ug/l	Dissolved	Actual					200.7(W)	200.2-M
P01032	Chromium, hexavalent	ug/l	Total Recovrble	Actual					11230	
P01034	Chromium	ug/l	Total Recovrble	Actual					200.7(W)	
P01037	Cobalt	ug/l	Total Recovrble	Actual					200.7(W)	
P01040	Copper	ug/l	Dissolved	Actual					200.7(W)	200.2-M
P01042	Copper	ug/l	Total Recovrble	Actual					200.7(W)	
P01045	Iron	ug/l	Total Recovrble	Actual					200.7(W)	
P01046	Iron	ug/l	Dissolved	Actual					200.7(W)	200.2-M
P01049	Lead	ug/l	Dissolved	Actual					200.9	200.2-M

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P01051	Lead	ug/l	Total Recovrble	Actual					200.9	
P01055	Manganese	ug/l	Total Recovrble	Actual					200.7(W)	
P01056	Manganese	ug/l	Dissolved	Actual					200.7(W)	200.2-M
P01057	Thallium	ug/l	Dissolved	Actual					200.9	200.2-M
P01059	Thallium	ug/l	Total Recovrble	Actual					200.9	
P01065	Nickel	ug/l	Dissolved	Actual					200.7(W)	
P01067	Nickel	ug/l	Total Recovrble	Actual					200.7(W)	
P01075	Silver	ug/l	Dissolved	Actual					200.7(W)	
P01077	Silver	ug/l	Total Recovrble	Actual					200.7(W)	
P01090	Zinc	ug/l	Dissolved	Actual					200.7(W)	
P01092	Zinc	ug/l	Total Recovrble	Actual					200.7(W)	
P01145	Selenium	ug/l	Dissolved	Actual					200.9	
P01147	Selenium	ug/l	Total Recovrble	Actual					200.9	
P01220	Chromium, hexavalent	ug/l	Dissolved	Actual					11230	
P31615	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E	
P31633	Escherichia coli	#/100ml	Total	Actual					1103.1	
P31649	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	
P31677	Fecal Streptococcus Group Bacteria	#/100ml	Total	Calculated	MPN				9230-B	
P39782	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
P70300	Solids, Dissolved	mg/l	Total	Actual					2540-C	
P71890	Mercury	ug/l	Dissolved	Actual					245.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P71900	Mercury	ug/l	Total Recovrble	Actual					245.1	
PWI-FLUORIDE	Fluorides	mg/l	Total	Actual					300.0	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DIURNAL	Diurnal Data Sonde Stats	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AVGOFDO CONC	Dissolved oxygen (DO)	mg/l		Calculated	Mean				SONDE	
AVGOFPH	pH	None		Calculated	Mean				SONDE	
AVGOFSPCOND	Specific conductance	uS/cm		Calculated	Mean				SONDE	
AVGOFTEMP	Temperature, water	deg C		Calculated	Mean				SONDE	
	Acceptable Range	0.00000 - 0.00000 deg C								
MAXOFDO CONC	Dissolved oxygen (DO)	mg/l		Calculated	Maximum				SONDE	
MAXOFDO%	Dissolved oxygen saturation	%		Calculated	Maximum				SONDE	
MAXOFPH	pH	None		Calculated	Maximum				SONDE	
MAXOFSPCOND	Specific conductance	uS/cm		Calculated	Maximum				SONDE	
MAXOFTEMP	Temperature, water	deg C		Calculated	Maximum				SONDE	
	Acceptable Range	0.00000 - 0.00000 deg C								
MINOFDO CONC	Dissolved oxygen (DO)	mg/l		Calculated	Minimum				SONDE	
MINOFDO%	Dissolved oxygen saturation	%		Calculated	Minimum				SONDE	
MINOFPH	pH	None		Calculated	Minimum				SONDE	
MINOFSPCOND	Specific conductance	uS/cm		Calculated	Minimum				SONDE	
MINOFTEMP	Temperature, water	deg C		Calculated	Minimum				SONDE	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EWQ-CHEM	EWQ Chemistry Samples	Sample	Water				N

Description EWQ samples that are collected in the field without preservative and submitted to the NJDHSS laboratory for analysis.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
GAAK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
GABOD5	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	5210-B	
GACL	Chloride	mg/l	Total	Actual					4500-CL-(B)	
GADOCL	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					5310-C	
GASO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					4500-SO4(E)	
GATOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	
GATOCL	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	
GDTOC	Carbon, organic	mg/l	Dissolved	Actual					5310-C	
MAFE	Iron	ug/l	Total	Actual					I-4729	
MAHD	Hardness, carbonate	mg/l	Total	Actual					130.1	
NANH3	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	350.2
NANH3D	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	350.2
NANH3N	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
NANO2	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					353.2	
NANO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
NAOP	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
NATKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	351.3
NATKND	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual					351.1	351.3
NATP	Phosphorus as P	mg/l	Total	Actual					365.4	365.2
NDNH3D	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	350.2
NDNH3N	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NDNO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NDOP	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
NDTKN	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual					351.1	351.3
NDTKND	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual					351.1	351.3
NDTP	Phosphorus as P	mg/l	Dissolved	Actual					365.4	365.2
RAFR	Solids, Dissolved	mg/l	Total	Actual					2540-C	
RASS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EWQFIELD	EWQ Field Measurements	Field Msr/Obs	Water				N
Description		EWQ characteristics that are measured in the field.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual					DO	
DOSAT	Dissolved oxygen saturation	%		Calculated						
PH	pH	None		Actual					PH	
SPECCOND	Specific conductance	uS/cm		Actual				25 Deg C	SC	
TEMP	Temperature, water	deg C		Actual					T	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EWQFLOW	EWQ Flow Data from USGS	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOW	Flow	cfs		Actual					FLOW	
GAUGE	Stream stage height	ft		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EWQSONDE	Ewq Datasonde	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual						
DOSAT	Dissolved oxygen saturation	%		Actual						
PH	pH	None		Actual						
SPECCOND	Specific conductance	uS/cm		Actual				25 Deg C		
TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIEDSOND	Field datasonde (NEW)	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual						
DOSAT	Dissolved oxygen saturation	%		Calculated						
PH	pH	None		Actual					SONDE	
SCM	Specific conductance	mS/cm		Actual				25 Deg C		
TEMP	Temperature, water	deg C		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELDAIR	Field Observations	Field Msr/Obs	Air				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A_WEATHER	Weather Comments (text)									
A_WIND	Wind force, Beaufort scale	None		Actual						
A_WINDMAX	Wind force, Beaufort scale	None		Calculated	Maximum					
A_WINDMIN	Wind force, Beaufort scale	None		Calculated	Minimum					
BAR	Barometric pressure	mm/Hg		Actual					BARPRES	
TEMPA	Temperature, air	deg C		Actual					AIRTEMP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELDSED	Field Sediment Analysis	Field Msr/Obs	Sediment				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHSED	pH	None		Actual					PH-SED	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELDSON	Field Data Sonde (OLD)	Data Logger	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual						
DOSAT	Dissolved oxygen saturation	%		Calculated						
PH	pH	None		Actual						
SPCOND	Specific conductance	uS/cm		Actual				25 Deg C		
TEMP	Temperature, water	deg C		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELDWAT	Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual				25 Deg C	SC	
DEPTH	Depth	ft		Actual						
DEPTH-T	Depth, bottom	ft		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual					DO	
DOSAT	Dissolved oxygen saturation	%		Calculated						
FFLOW	Flow	mgd		Actual					FFLOW	
FLOW	Flow	cfs		Calculated					FLOW	
FLOW-MED	Flow	cfs		Calculated	Median		1 Day		FLOW	
GAUGE	Stream stage height	ft		Actual						
PH	pH	None		Actual					PH	
SAL	Salinity	ppt		Actual						
SCM	Specific conductance	mS/cm		Actual						
SECCHI	Depth, Secchi Disk Depth	ft		Actual						
TEMP	Temperature, water	deg C		Actual					T	
TURB	Turbidity	NTU		Actual					TURB	
WATERTEMP	Temperature, water	deg C		Actual					T	
	Acceptable Range	0.00000 - 0.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB.DEP	NJDEP Defined Habitat Assmt	Field Msr/Obs					Y

Description NJDEP Specific Habitat Assessment measures for IBI

Row ID	Characteristic Name	Description
CANCOV	Canopy Cover	Open, Partially Open, Mostly Open, Mostly Closed
COBBLE	Cobble % (3" - 12")	

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Row ID	Characteristic Name	Description
CONCRETE	Substrate - Concrete (%)	
DEBRIS	Substrate - Debris (%)	
FLOW	Flow	Fast, Moderate, Slow
GRAVEL	Gravel/Sand <3" (%)	
IMPOUND	Impound	Impoundedness
PERIPHY	Periphyton	N - None S - Slight M - Moderate H - Heavy
Q	Discharge	
SMUD	Substrate - Mud (%)	
SNAGS	Snags	Yes, No
SUBMAC	Sub Macrophytes	Yes, No
TURBID	CLARITY	Clarity
WEATH24	WEATH24	Weather past 24 hours
WEATHER	WEATHER	Weather at time of sample
WETWIDTH	Wetted Width (ft)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB.HIGH	RBP2 High Gradient	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HSCORE	RBP2, High G, Habitat Assessment Total Score	None		Actual						
PARM1	RBP2, High G, Epifaunal Substrate/Available Cover									
PARM10L	RBP2, High G, Riparian Vegetative Zone Width, Left Bank									
PARM10R	RBP2, High G, Riparian Vegetative Zone Width, Right									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Bank									
PARM2	RBP2, High G, Embeddedness									
PARM3	RBP2, High G, Velocity/Depth Regime									
PARM4	RBP2, High G, Sediment Deposition									
PARM5	RBP2, High G, Channel Flow Status									
PARM6	RBP2, High G, Channel Alteration									
PARM7	RBP2, High G, Frequency of Riffles (or bends)									
PARM8L	RBP2, High G, Bank Stability, Left Bank									
PARM8R	RBP2, High G, Bank Stability, Right Bank									
PARM9L	RBP2, High G, Vegetative Protection, Left Bank									
PARM9R	RBP2, High G, Vegetative Protection, Right Bank									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB.LOW	Habitat - Low Gradient	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HSCORE	RBP2, Low G, Habitat Assessment Total Score	None		Calculated						
PARM1	RBP2, Low G, Epifaunal Substrate/Available Cover									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARM10L	RBP2, Low G, Riparian Vegetative Zone Width, Left Bank									
PARM10R	RBP2, Low G, Riparian Vegetative Zone Width, Right Bank									
PARM2	RBP2, Low G, Pool Substrate Characterization									
PARM3	RBP2, Low G, Pool Variability									
PARM4	RBP2, Low G, Sediment Deposition									
PARM5	RBP2, Low G, Channel Flow Status									
PARM6	RBP2, Low G, Channel Alteration									
PARM7	RBP2, Low G, Channel Sinuosity									
PARM8L	RBP2, Low G, Bank Stability, Left Bank									
PARM8R	RBP2, Low G, Bank Stability, Right Bank									
PARM9L	RBP2, Low G, Vegetative Protection, Left Bank									
PARM9R	RBP2, Low G, Vegetative Protection, Right Bank									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HAB.RBP2	USEPA RBP2 Habitat Assmt	Field Msr/Obs					Y
Citations	USEPA, 1999, Rapid Bioassessment Protocols for Wadeable Streams and Rivers: Periphyton, Benthic Macroinvertebrates, and Fish, 2nd ed, USEPA, EPA 841/B-99-002						
Description	Habitat Assessments using EPA's RBP2 Habitat Parameters						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BEDROCK	RBP2, Substrate, Inorganic, Bedrock	%		Actual						
	Acceptable Range	0.00000 - 100.00000	%							
BOULDER	RBP2, Substrate, Inorganic, Boulder, >256 mm	%		Actual						
	Acceptable Range	0.00000 - 100.00000	%							
CANOPY	RBP2, Habitat Type, Canopy (%)	%		Actual						
	Acceptable Range	0.00000 - 100.00000	%							
COBBLE	RBP2, Substrate, Inorganic, Cobble, 64-256 mm	%		Actual						
	Acceptable Range	0.00000 - 100.00000	%							
H01EPI	RBP2, High G, Epifaunal Substrate/Available Cover									
H02EMB	RBP2, High G, Embeddedness									
H03VEL	RBP2, High G, Velocity/Depth Regime									
H04SED	RBP2, High G, Sediment Deposition									
H05CHFS	RBP2, High G, Channel Flow Status									
H06CHALT	RBP2, High G, Channel Alteration									
H07FREQ	RBP2, High G, Frequency of Riffles (or bends)									
H08STABL	RBP2, High G, Bank Stability, Left Bank									
H08STABR	RBP2, High G, Bank Stability, Right Bank									
H09VEGPL	RBP2, High G, Vegetative Protection, Left Bank									
H09VEGPR	RBP2, High G, Vegetative Protection, Right Bank									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
H10RIPZL	RBP2, High G, Riparian Vegetative Zone Width, Left Bank									
H10RIPZR	RBP2, High G, Riparian Vegetative Zone Width, Right Bank									
HSCOREH	RBP2, High G, Habitat Assessment Total Score	None		Actual						
	Acceptable Range	0.00000 - 200.00000 None								
OTHER	RBP2, Habitat Type, Other (%)	%	Total	Actual						
OTHER2	RBP2, Habitat Type, Bedrock (%)	%		Actual						
POOLS	RBP2, Habitat Type, Pools (%)	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								
RIFFLES	RBP2, Habitat Type, Riffle (%)	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								
RUNS	RBP2, Habitat Type, Run (%)	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								
SAMPDIST	RBP2, Instream Features, Est. Reach Length	ft		Actual						
SILT	RBP2, Substrate, Inorganic, Silt, 0.004-0.06 mm	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								
TURBID	RBP2, Water Quality, Turbidity									
WEATH24	RBP2, Weather Condition, Past 24 Hours									
WEATHER	RBP2, Weather Condition, Now									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HOBO	HOBO Water Temperature Probe	Data Logger	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MAXOFTEMP	Temperature, water	deg C		Calculated	Maximum				HOBO	
MINOFTEMP	Temperature, water	deg C		Calculated	Minimum				HOBO	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKECHEM	Lake Monitoring Chemistry	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, corrected for pheophytin	ppm	Total	Actual					445	
GAAK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
GAHD	Hardness, carbonate	mg/l	Total	Actual					2340B	
NANH3	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
NANH3D	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	350.2
NANO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
NATKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	351.3
NATP	Phosphorus as P	mg/l	Total	Actual					365.4	365.2
P00665	Phosphorus as P	ug/l	Total	Actual					365.4	
QCTP	Phosphorus as P	mg/l	Total	Actual					365.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE_FLD	Lake Monitoring Field	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DEPTH_T	Depth, bottom	m		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SECCHI	Depth, Secchi Disk Depth	m		Actual						
TURB	Turbidity	NTU		Actual					TURB	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE_PDL	HydroLab Quanta	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	mS/cm		Actual					QUANTA	
DEPTH	Depth, data-logger (ported)	m		Actual					QUANTA	
DO	Dissolved oxygen (DO)	mg/l		Actual					QUANTA	
PH	pH	None		Actual					QUANTA	
TEMP	Temperature, water	deg C		Actual					QUANTA	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LEEDSBAC	Summer Bacteria Samples	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ECOLI	Escherichia coli	#/100ml	Total	Actual					1103.1	
ENT-MF	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MW-MAR	Multiple Antibiotic Resistance	Sample	Water				N

Citations MAR - Scott, Geoffrey, UNKNOWN, MAR Standard Operating Procedure, NOAA Center for Coastal Environmental Health and

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Biomolecular Reesarch, UNKNOWN

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AK	Amikacin	None	Total	Calculated					MAR	
AMP	Ampicillin	None	Total	Calculated					MAR	
AMX	Amoxicillin	None	Total	Calculated					MAR	
APR	Apramycin	None	Total	Calculated					MAR	
AZI	Azithromycin	None	Total	Calculated					MAR	
C	Chloramphenicol	None	Total	Calculated					MAR	
CAX	Ceftriaxone	None	Total	Calculated					MAR	
CF	Cephalothin	None	Total	Calculated					MAR	
CFX	Cefoxitin	None	Total	Calculated					MAR	
CP	Ciprofloxacin	None	Total	Calculated					MAR	
CTET	Chlorotetracycline	None	Total	Calculated					MAR	
E	Erythromycin A	None	Total	Calculated					MAR	
ECOLI	Escherichia coli	cfu/100ml	Total	Actual					9221-E	
FC	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E	
FD	Nitrofurantoin	None	Total	Calculated					MAR	
GM	Gentamicin	None	Total	Calculated					MAR	
IMP	Imipenem	None	Total	Calculated					MAR	
MER	Meropenem	None	Total	Calculated					MAR	
MOX	Moxifloxacin	None	Total	Calculated					MAR	
NA	Nalidixic acid	None	Total	Calculated					MAR	
OFL	Ofloxacin	None	Total	Calculated					MAR	
OTET	Oxytetracycline	None	Total	Calculated					MAR	
PHAGE	Coliphage, Male Specific (F+) all Groups	pfu/100ml	Total	Actual					F+RNA COLIPHAGE	
ST	Streptomycin	None	Total	Calculated					MAR	
SZ	Sulfathiazole	None	Total	Calculated					MAR	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
T	Trimethoprim	None	Total	Calculated					MAR	
T/S	Trimethoprim/Sulfamethoxazole (unspecified mix)	None	Total	Calculated					MAR	
TE	Tetracycline	None	Total	Calculated					MAR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MW-MTLS	Metals Program	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS	Arsenic	ppm	Total	Calculated	Mean	Wet			206.5	
	Acceptable Range	0.00000 - 500.00000 ppm								
CD	Cadmium	ppm	Total	Calculated	Mean	Wet			213.2	350.2
	Acceptable Range	0.00000 - 50.00000 ppm								
CR	Chromium	ppm	Total	Calculated	Mean	Wet			218.2	
	Acceptable Range	0.00000 - 200.00000 ppm								
NI	Nickel	ppm	Total	Calculated	Mean	Wet			249.2	
	Acceptable Range	0.00000 - 500.00000 ppm								
PB	Lead	ppm	Total	Calculated	Mean	Wet			239.2	
	Acceptable Range	0.00000 - 500.00000 ppm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MW-N-EST	Nutrient Data - Estuarine Prgm	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
N_CHLA	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
N_DO	Dissolved oxygen (DO)	mg/l	Total	Actual					360.2	
N_ENT	Enterococcus Group Bacteria	cfu/100ml	Filterable	Actual					1600	
	Acceptable Range	3.00000 - 2,000.00000 cfu/100ml								
N_NH3	Nitrogen, ammonia as N	ug/l	Total	Actual					350.1	
	Acceptable Range	0.00000 - 200.00000 ug/l								
N_NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	ug/l	Total	Actual					353.3	
	Acceptable Range	0.00000 - 500.00000 ug/l								
N_PO4	Phosphorus, orthophosphate as P	ug/l	Total	Actual					365.1	
	Acceptable Range	0.00000 - 100.00000 ug/l								
N_SAL	Salinity	ppt	Total	Calculated					2520-B	
	Acceptable Range	0.00000 - 50.00000 ppt								
N_TEMP	Temperature, water	deg C		Actual					T	
	Acceptable Range	0.00000 - 33.00000 deg C								
N_TN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	ug/l	Total	Actual					4500-N	4500-N
	Acceptable Range	0.00000 - 6,000.00000 ug/l								
N_TP	Phosphorus as P	ug/l	Total	Actual					365.4	
	Acceptable Range	0.00000 - 500.00000 ug/l								
N_TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
	Acceptable Range	1.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MW-N-SW	Nutrient Data - Storm Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HP	Phosphorus, hydrolyzable as	ug/l	Total	Actual					365.8	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	PO4									
	Acceptable Range	0.00000 - 100.00000 ug/l								
NH3	Nitrogen, ammonia (NH3) as NH3	ug/l	Total	Actual					350.4	
	Acceptable Range	0.00000 - 200.00000 ug/l								
NO2	Nitrogen, Nitrite (NO2) as NO2	ug/l	Total	Actual					12540	
	Acceptable Range	0.00000 - 100.00000 ug/l								
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	ug/l	Total	Actual					353.3	
	Acceptable Range	0.00000 - 500.00000 ug/l								
PO4	Phosphorus, orthophosphate as PO4	ug/l	Total	Actual					365.1	
	Acceptable Range	0.00000 - 100.00000 ug/l								
TN	Nitrogen, Kjeldahl	ug/l	Total	Actual					351.1	351.3
	Acceptable Range	0.00000 - 1,000.00000 ug/l								
TP	Phosphorus, orthophosphate as PO4	ug/l	Total	Actual					365.4	
	Acceptable Range	0.00000 - 100.00000 ug/l								
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Calculated					160.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MW-TCFC	Total Coliform Fecal Coliform	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FC-1-12T	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E-1 (12T)	
	Acceptable Range	1.90000 - 51.00000 #/100ml								
FC-1-3T	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E-1 (3T)	
	Acceptable Range	2.90000 - 2,401.00000 #/100ml								
FC-1-5T	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E-1(5T)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	1.90000 - 1,601.00000 #/100ml								
FC-2-3T	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E-2 (3T)	
	Acceptable Range	2.90000 - 2,401.00000 #/100ml								
FC-EPA-5T	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E-1(5T)	
	Acceptable Range	1.90000 - 1,601.00000 #/100ml								
FC_3T_4D	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E-2 (3T)	
	Acceptable Range	2.90000 - 24,001.00000 #/100ml								
TC-2-3T	Total Coliform	#/100ml	Total	Calculated	MPN				9221-B-2 (3T)	
	Acceptable Range	2.90000 - 2,401.00000 #/100ml								
TC-2-5T	Total Coliform	#/100ml	Total	Calculated	MPN				9221-B-2 (5T)	
	Acceptable Range	1.90000 - 1,601.00000 #/100ml								
TC-EPA-5T	Total Coliform	#/100ml	Total	Calculated	MPN				9221-B-2 (5T)	
	Acceptable Range	1.90000 - 1,601.00000 #/100ml								
TC_3T_4D	Total Coliform	#/100ml	Total	Calculated	MPN				9221-B-2 (3T)	
	Acceptable Range	2.90000 - 24,001.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MW-TEL	Telemetry	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORA	Chlorophyll a (probe)	ug/l		Calculated	Mean				SONDE-YSI	
DO	Dissolved oxygen (DO)	mg/l		Calculated	Mean				SONDE-YSI	
	Acceptable Range	0.00000 - 20.00000 mg/l								
DOPER	Dissolved oxygen saturation	%		Calculated	Mean				SONDE-YSI	
	Acceptable Range	0.00000 - 220.00000 %								
PH	pH	None		Calculated	Mean				SONDE-YSI	
	Acceptable Range	0.00000 - 14.00000 None								
SAL	Salinity	ppt		Calculated	Mean				SONDE-YSI	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 35.00000 ppt								
SPCOND	Specific conductance	mS/cm		Calculated	Mean			25 Deg C	SONDE-YSI	
	Acceptable Range	0.00000 - 53.00000 mS/cm								
TEMP	Temperature, water	deg C		Calculated	Mean				SONDE-YSI	
TURBID	Turbidity	NTU		Calculated	Mean				SONDE-YSI	
	Acceptable Range	0.00000 - 60.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NATPQC	Total Phosphorus	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NJFISH	IBI Data Entry	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
AEEL	Anguilla rostrata		count	Actual				
ALEWIFE	Alosa pseudoharengus		count	Actual				
AMBRKLAM	Lampetra appendix		count	Actual				
AMERSHAD	Alosa sapidissima		count	Actual				
ARCTCHAR	Salvelinus alpinus		count	Actual				
ATLMENH	Brevoortia tyrannus		count	Actual				
ATLSALMO	Salmo salar		count	Actual				
ATLSTURG	Acipenser oxyrinchus		count	Actual				
ATLSVRSD	Menidia menidia		count	Actual				
ATLTMCOD	Microgadus tomcod		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
BANDEDKI	Fundulus diaphanus		count	Actual				
BANDEDSU	Enneacanthus obesus		count	Actual				
BAYANCH	Anchoa mitchilli		count	Actual				
BITRLING	Rhodeus sericeus		count	Actual				
BLACKBAN	Enneacanthus chaetodon		count	Actual				
BLACKBUL	Ameiurus melas		count	Actual				
BLACNOSE	Rhinichthys atratulus		count	Actual				
BLCRAPPI	Pomoxis nigromaculatus		count	Actual				
BLKSPSTK	Gasterosteus wheatlandi		count	Actual				
BLUCAT	Ictalurus furcatus		count	Actual				
BLUEBACK	Alosa aestivalis		count	Actual				
BLUEGILL	Lepomis macrochirus		count	Actual				
BLUESPOT	Enneacanthus gloriosus		count	Actual				
BLUNTMIN	Pimephales notatus		count	Actual				
BOWFIN	Amia calva		count	Actual				
BRIDSHNR	Notropis bifrenatus		count	Actual				
BROOKTRO	Salvelinus fontinalis		count	Actual				
BROWNBUL	Ameiurus nebulosus		count	Actual				
BROWNTR	Salmo trutta		count	Actual				
BURBOT	Lota lota		count	Actual				
CARP	Cyprinus carpio		count	Actual				
CHANLCAT	Ictalurus punctatus		count	Actual				
CHNKSLMN	Oncorhynchus tshawytscha		count	Actual				
CMLYSHNR	Notropis amoenus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
CNTMMINN	Umbra limi		count	Actual				
CPICKERL	Esox niger		count	Actual				
CREEKCHB	Semotilus atromaculatus		count	Actual				
CREEKCHU	Erimyzon oblongus		count	Actual				
CSHINER	Luxilus cornutus		count	Actual				
CTTROUT	Salmo clarkii		count	Actual				
CUTLIPS	Exoglossum maxillingua		count	Actual				
EASTERNM	Gambusia holbrooki		count	Actual				
EASTSILV	Hybognathus regius		count	Actual				
EMRLDSHN	Notropis atherinoides		count	Actual				
FALLFISH	Semotilus corporalis		count	Actual				
FATMINNO	Pimephales promelas		count	Actual				
FNTLDRTR	Etheostoma flabellare		count	Actual				
FOURSPIN	Apeltes quadracus		count	Actual				
GIZZARDS	Dorosoma cepedianum		count	Actual				
GOLDFISH	Carassius auratus		count	Actual				
GOLDNTRT	Oncorhynchus aguabonita		count	Actual				
GOLDSHIN	Notemigonus crysoleucas		count	Actual				
GRASCARP	Ctenopharyngodon idella		count	Actual				
GSUNFISH	Lepomis cyanellus		count	Actual				
HICKORYS	Alosa mediocris		count	Actual				
HOGCHKR	Trinectes maculatus		count	Actual				
INLNDSVR	Menidia beryllina		count	Actual				
IRONSHIN	Notropis chalybaeus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
LAKETROU	Salvelinus namaycush		count	Actual				
LEPOAXC	Lepomis		count	Actual				
LEPOCXM	Lepomis		count	Actual				
LEPOMAXC	Lepomis		count	Actual				
LEPOMAXG	Lepomis	sp.1	count	Actual				
LEPOMAXM	Lepomis		count	Actual				
LEPOMCXG	Lepomis	sp.2	count	Actual				
LGMOUTHB	Micropterus salmoides		count	Actual				
LNGEARSF	Lepomis megalotis		count	Actual				
LNGNSUCK	Catostomus catostomus		count	Actual				
LOGPERCH	Percina caprodes		count	Actual				
LONGNGAR	Lepisosteus osseus		count	Actual				
LONGNOSE	Rhinichthys cataractae		count	Actual				
LSTBKLMF	Lampetra aepyptera		count	Actual				
MARGMADT	Noturus insignis		count	Actual				
MMINNOW	Umbra pygmaea		count	Actual				
MOSQUITO	Gambusia affinis		count	Actual				
MOTSCULP	Cottus bairdii		count	Actual				
MUDSUNFI	Acantharchus pomotis		count	Actual				
MUMMICHO	Fundulus heteroclitus		count	Actual				
MUSKELLU	Esox masquinongy		count	Actual				
NHOGSUCK	Hypentelium nigricans		count	Actual				
NINESPIN	Pungitius pungitius		count	Actual				
NORTHERN	Esox lucius		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
NRBDACE	Phoxinus eos		count	Actual				
ORIEWEA	Misgurnus anguillicaudatus		count	Actual				
PEARLDAC	Margariscus margarita		count	Actual				
PIRATEPE	Aphredoderus sayanus		count	Actual				
PUMPKINS	Lepomis gibbosus		count	Actual				
QUILLBCK	Carpiodes cyprinus		count	Actual				
RAINBOW	Oncorhynchus mykiss		count	Actual				
RAINWATK	Lucania parva		count	Actual				
RDEARSUN	Lepomis microlophus		count	Actual				
REDBREAS	Lepomis auritus		count	Actual				
REDFIN	Esox americanus		count	Actual				
REDSIDDC	Clinostomus elongatus		count	Actual				
RIVRCHUB	Nocomis micropogon		count	Actual				
RNBWSMEL	Osmerus mordax		count	Actual				
ROCKBASS	Ambloplites rupestris		count	Actual				
ROSSIDDC	Clinostomus funduloides		count	Actual				
RSYFCSHN	Notropis rubellus		count	Actual				
SATINFIN	Cyprinella analostana		count	Actual				
SEALAMPR	Petromyzon marinus		count	Actual				
SHINER	Notropis		count	Actual				
SHLDDART	Percina peltata		count	Actual				
SHPHDMIN	Cyprinodon variegatus		count	Actual				
SHREDHRS	Moxostoma macrolepidotum		count	Actual				
SHRTNOSE	Acipenser brevirostrum		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
SLIMYSCU	Cottus cognatus		count	Actual				
SMLOBASS	Micropterus dolomieu		count	Actual				
SPOTFINS	Cyprinella spiloptera		count	Actual				
SPOTSHIN	Notropis hudsonius		count	Actual				
SPTFNKIL	Fundulus luciae		count	Actual				
STONECAT	Noturus flavus		count	Actual				
STONEROL	Campostoma anomalum		count	Actual				
STRBASS	Morone saxatilis		count	Actual				
STRPANCH	Anchoa hepsetus		count	Actual				
STRPKILL	Fundulus majalis		count	Actual				
SWALLSHI	Notropis procne		count	Actual				
SWAMPDAR	Etheostoma fusiforme		count	Actual				
TADPMADT	Noturus gyrinus		count	Actual				
TDARTER	Etheostoma olmstedi		count	Actual				
TENCH	Tinca tinca		count	Actual				
THRDFNSH	Dorosoma petenense		count	Actual				
THREESPI	Gasterosteus aculeatus		count	Actual				
TIGERTRO	Salmo		count	Actual				
TRTPERCH	Percopsis omiscomaycus		count	Actual				
WALLEYE	Stizostedion vitreum		count	Actual				
WARMOUTH	Lepomis gulosus		count	Actual				
WHCRAPPI	Pomoxis annularis		count	Actual				
WHITECAT	Ameiurus catus		count	Actual				
WHPERCH	Morone americana		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
WSUCKER	Catostomus commersoni		count	Actual				
YELLOWBU	Ameiurus natalis		count	Actual				
YELLPRCH	Perca flavescens		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.AIR.OB	USGS Air Observations	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00020	Temperature, air	deg C		Actual					UNKNOWN	
P00025	Barometric pressure	mm/Hg		Actual					BARPRES	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.BM.PAH	USGS Sediment PAHs	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P39519	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual					PCB	
P49387	Pyrene	ug/kg	Total	Actual					O-5130-95	
P49388	Methylpyrene, 1-	ug/kg	Total	Actual					O-5130-95	
P49389	Benzo[a]pyrene	ug/kg	Total	Actual					O-5130-95	
P49390	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual					O-5130-95	
P49393	Phenanthridine	ug/kg	Total	Actual					O-5130-95	
P49397	Benzo[k]fluoranthene	ug/kg	Total	Actual					O-5130-95	
P49398	1-Methyl-9H-fluorene	ug/kg	Total	Actual					O-5130-95	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P49399	Fluorenes, C1-C3	ug/kg	Total	Actual					O-5130-95	
P49400	Isophorone	ug/kg	Total	Actual					O-5130-95	
P49402	Naphthalene	ug/kg	Total	Actual					O-5130-95	
P49403	Dimethylnaphthalene, 1,2-	ug/kg	Total	Actual					O-5130-95	
P49404	Dimethylnaphthalene, 1,6-	ug/kg	Total	Actual					O-5130-95	
P49405	Trimethylnaphthalene, 2,3,6-	ug/kg	Total	Actual					O-5130-95	
P49406	Dimethylnaphthalene, 2,6-	ug/kg	Total	Actual					O-5130-95	
P49408	Benzo[g,h,i]perylene	ug/kg	Total	Actual					O-5130-95	
P49409	Phenanthrenes, C1-C4	ug/kg	Total	Actual					O-5130-95	
P49410	Methylphenanthrene, 1-	ug/kg	Total	Actual					O-5130-95	
P49411	Cyclopenta(DEF)phenanthrene, 4H-	ug/kg	Total	Actual					O-5130-95	
P49428	Acenaphthylene	ug/kg	Total	Actual					O-5130-95	
P49429	Acenaphthene	ug/kg	Total	Actual					O-5130-95	
P49434	Anthracene	ug/kg	Total	Actual					O-5130-95	
P49435	Methylantracene, 2-	ug/kg	Total	Actual					O-5130-95	
P49436	Benzo[a]anthracene	ug/kg	Total	Actual					O-5130-95	
P49450	Chrysenes C1-C4	ug/kg	Total	Actual					O-5130-95	
P49451	Cresol, p-	ug/kg	Total	Actual					O-5130-95	
P49458	Benzo[b]fluoranthene	ug/kg	Total	Actual					O-5130-95	
P49461	Dibenzo[a,h]anthracene	ug/kg	Total	Actual					O-5130-95	
P49466	Fluoranthenes, C1-C4	ug/kg	Total	Actual					O-5130-95	
P49948	Ethyl-naphthalene, 2-	ug/kg	Total	Actual					O-5130-95	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.BM.SED	USGS Sediment	Sample	Sediment				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00611	Nitrogen, Ammonia + Organic	mg/kg	Total	Actual						
P00626	Nitrogen, Kjeldahl	mg/kg	Total	Actual					I6552	
P00668	Phosphorus as P	mg/kg	Total	Actual						
P00686	Carbon, Total Inorganic	g/kg	Total	Actual					O-5102-83	
P00693	Carbon, organic plus inorganic (TC) **Retired	g/kg	Total	Actual					O-5101-83	
P01003	Arsenic	ug/g	Total Recovrble	Actual					I-6063	
P01028	Cadmium	ug/g	Total Recovrble	Actual					I5135	
P01029	Chromium	ug/g	Total Recovrble	Actual					I5236	
P01038	Cobalt	ug/g	Total Recovrble	Actual					I-4471	
P01043	Copper	ug/g	Total Recovrble	Actual					I5270	
P01052	Lead	ug/g	Total Recovrble	Actual					I5399	
P01053	Manganese	ug/g	Total Recovrble	Actual					I5454	
P01068	Nickel	ug/g	Total Recovrble	Actual					I5499	
P01093	Zinc	ug/g	Total Recovrble	Actual					I-4471	
P01148	Selenium	ug/g	Total Recovrble	Actual					I-6668	
P01170	Iron	ug/g	Total Recovrble	Actual					I5381	
P64847	Arsenic	ug/g	Total Recovrble	Actual		Dry			I-6063	
P64848	Selenium	ug/g	Total	Actual		Dry			I-6063	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
			Recovrble							
P70310	pH	None		Actual					PH-SED	
P71921	Mercury	ug/g	Total	Actual					I5462	
			Recovrble							
P80157	Particle distribution	%		Actual					P-2330	
					Particle Size Basis		fall diameter (DI water), % < 0.004 mm			
P80164	Particle distribution	%		Calculated					P-2330	
					Particle Size Basis		dry sieved, sieve diameter % < 0.0625 mm			

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.SW.DOH	USGS Surface Water @ DOH Lab	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	5210-B	
P00608	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	350.2
P00610	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	350.2
P00613	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					353.2	
P00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
P31615	Fecal Coliform	#/100ml	Total	Calculated	MPN				9221-E	
P31633	Escherichia coli	#/100ml	Total	Actual					1103.1	
P31649	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.SW.MET	USGS Surface Metals	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00340	COD, Chemical Oxygen Demand	mg/l	Total	Actual					I3561	
P01000	Arsenic	ug/l	Dissolved	Actual					I-4063	
P01002	Arsenic	ug/l	Total Recovrble	Actual					I-4063	
P01007	Barium	ug/l	Total Recovrble	Actual					I-4471	
P01012	Beryllium	ug/l	Total Recovrble	Actual					I-4471	
P01022	Boron	ug/l	Total Recovrble	Actual					I-4471	
P01025	Cadmium	ug/l	Dissolved	Actual					I-4471	
P01027	Cadmium	ug/l	Total Recovrble	Actual					I-4471	
P01030	Chromium	ug/l	Dissolved	Actual					I-3233	
P01034	Chromium	ug/l	Total Recovrble	Actual					I-3233	
P01040	Copper	ug/l	Dissolved	Actual					I-4471	
P01042	Copper	ug/l	Total Recovrble	Actual					I-4471	
P01045	Iron	ug/l	Total Recovrble	Actual					I3381	
P01046	Iron	ug/l	Dissolved	Actual					I3381	
P01049	Lead	ug/l	Dissolved	Actual					I-4403	
P01051	Lead	ug/l	Total Recovrble	Actual					I-4403	
P01055	Manganese	ug/l	Total Recovrble	Actual					I-4471	
P01056	Manganese	ug/l	Dissolved	Actual					I-4471	
P01057	Thallium	ug/l	Dissolved	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P01059	Thallium	ug/l	Total Recovrble	Actual						
P01065	Nickel	ug/l	Dissolved	Actual					I-4471	
P01067	Nickel	ug/l	Total Recovrble	Actual					I-4471	
P01075	Silver	ug/l	Dissolved	Actual					I-4724	
P01077	Silver	ug/l	Total Recovrble	Actual					I-4724	
P01090	Zinc	ug/l	Dissolved	Actual					I-4471	
P01092	Zinc	ug/l	Total Recovrble	Actual					I-4471	
P01145	Selenium	ug/l	Dissolved	Actual					I-4668	
P01147	Selenium	ug/l	Total Recovrble	Actual					I-4668	
P71890	Mercury	ug/l	Dissolved	Actual					I3462	
P71900	Mercury	ug/l	Total Recovrble	Actual					I3462	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.SW.OBS	USGS Surface Observation	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00010	Temperature, water	deg C		Actual						
P00061	Flow	cfs		Calculated					FLOW	
P00065	Gage height	ft		Actual						
P00095	Specific conductance	uS/cm		Actual				25 Deg C		
P00300	Dissolved oxygen (DO)	mg/l		Actual						
P00301	Dissolved oxygen saturation	%		Calculated						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00400	pH	None		Actual					PH	
P61028	Turbidity	NTU		Actual					TURB	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.SW.PES	USGS Pesticides	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P04024	Propachlor	ug/l	Dissolved	Actual					O-1126	
P04028	Butylate	ug/l	Dissolved	Actual					O-1126	
P04029	Bromacil	ug/l	Dissolved	Actual					O-2060-01	
P04031	Cycloate	ug/l	Dissolved	Actual					O-2060-01	
P04032	Terbacil	ug/l	Dissolved	Actual					O-2060-01	
P04033	Diphenamid	ug/l	Dissolved	Actual					O-2060-01	
P04035	Simazine	ug/l	Dissolved	Actual					O-1126	
P04037	Prometone	ug/l	Dissolved	Actual					O-1126	
P04038	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Dissolved	Actual					O-2060-01	
P04039	Desisopropyl atrazine	ug/l	Dissolved	Actual					O-2060-01	
P04040	Desethyl atrazine	ug/l	Dissolved	Actual					O-1126	
P04041	Cyanazine	ug/l	Dissolved	Actual					O-1126	
P04095	Fonofos	ug/l	Dissolved	Actual					O-1126	
P34253	BHC-alpha	ug/l	Dissolved	Actual					O-1126	
P34653	DDE ***retired*** (use DDE, p,p'-)	ug/l	Dissolved	Actual					O-1126	
P38442	Dicamba	ug/l	Dissolved	Actual					O-2060-01	
P38478	Linuron	ug/l	Dissolved	Actual					O-2060-01	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P38482	MCPA, Methyl chlorophenoxy acetic acid	ug/l	Dissolved	Actual					O-2060-01	
P38487	MCPB, 4-(4-Chloro-2-methylphenoxy) butyric acid	ug/l	Dissolved	Actual					O-2060-01	
P38501	Mercaptodimethur	ug/l	Dissolved	Actual					O-2060-01	
P38538	Propoxur	ug/l	Dissolved	Actual					O-2060-01	
P38548	Siduron	ug/l	Dissolved	Actual					O-2060-01	
P38711	Bentazone	ug/l	Dissolved	Actual					O-2060-01	
P38746	2,4-DB, Dichlorophenoxybutyric acid	ug/l	Dissolved	Actual					O-2060-01	
P38811	Fluometuron	ug/l	Dissolved	Actual					O-2060-01	
P38866	Oxamyl	ug/l	Dissolved	Actual					O-2060-01	
P38933	Chloropyrifos	ug/l	Dissolved	Actual					O-1126	
P39341	BHC-gamma (Lindane)	ug/l	Dissolved	Actual					O-1126	
P39381	Dieldrin	ug/l	Dissolved	Actual					O-1126	
P39415	Metolachlor	ug/l	Dissolved	Actual					O-1126	
P39532	Malathion	ug/l	Dissolved	Actual					O-1126	
P39542	Parathion	ug/l	Dissolved	Actual					O-1126	
P39572	Diazinon	ug/l	Dissolved	Actual					O-1126	
P39632	Atrazine	ug/l	Dissolved	Actual					O-1126	
P39732	2,4-D, Dichlorophenoxyacetic acid	ug/l	Dissolved	Actual					O-2060-01	
P46342	Alachlor	ug/l	Dissolved	Actual					O-1126	
P49235	Triclopyr	ug/l	Dissolved	Actual					O-2060-01	
P49236	Propham	ug/l	Dissolved	Actual					O-2060-01	
P49260	Acetochlor	ug/l	Dissolved	Actual					O-1126	
P49291	Picloram	ug/l	Dissolved	Actual					O-2060-01	
P49292	Oryzalin	ug/l	Dissolved	Actual					O-2060-01	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P49293	Norflurazon	ug/l	Dissolved	Actual					O-2060-01	
P49294	Neburon	ug/l	Dissolved	Actual					O-2060-01	
P49296	Methomyl	ug/l	Dissolved	Actual					O-2060-01	
P49297	Fenuron	ug/l	Dissolved	Actual					O-2060-01	
P49300	Diuron	ug/l	Dissolved	Actual					O-2060-01	
P49301	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Dissolved	Actual					O-1126	
P49302	Dichlorprop	ug/l	Dissolved	Actual					O-2060-01	
P49304	Dacthal	ug/l	Dissolved	Actual					O-2060-01	
P49305	Clopyralid	ug/l	Dissolved	Actual					O-2060-01	
P49306	Daconil	ug/l	Dissolved	Actual					O-2060-01	
P49308	Hydroxycarbofuran, 3-	ug/l	Dissolved	Actual					O-2060-01	
P49309	Carbofuran	ug/l	Dissolved	Actual					O-2060-01	
P49310	Sevin	ug/l	Dissolved	Actual					O-2060-01	
P49311	Bromoxynil	ug/l	Dissolved	Actual					O-2060-01	
P49312	Aldicarb	ug/l	Dissolved	Actual					O-2060-01	
P49313	Aldicarb sulfone	ug/l	Dissolved	Actual					O-2060-01	
P49314	Aldicarb sulfoxide	ug/l	Dissolved	Actual					O-2060-01	
P49315	Acifluorfen	ug/l	Dissolved	Actual					O-2060-01	
P50299	Bendiocarb	ug/l	Dissolved	Actual					O-1126	
P50300	Benomyl	ug/l	Dissolved	Actual					O-2060-01	
P50305	Caffeine	ug/l	Dissolved	Actual					O-2060-01	
P50306	Chlorimuron-ethyl	ug/l	Dissolved	Actual					O-2060-01	
P50337	Sulfometuron-Methyl	ug/l	Dissolved	Actual					O-1126	
P50355	2-Hydroxyatrazine	ug/l	Dissolved	Actual					O-1126	
P50356	Imazaquin acid	ug/l	Dissolved	Actual					O-1126	
P50359	Metalaxyl	ug/l	Dissolved	Actual					O-2060-01	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P50364	Nicosulfuron	ug/l	Dissolved	Actual					O-2060-01	
P50407	Imazethapyr	ug/l	Dissolved	Actual					O-1126	
P50470	2,4-D methyl ester	ug/l	Dissolved	Actual					O-1126	
P50471	Propiconazole (Tilt)	ug/l	Dissolved	Actual					O-2060-01	
P61188	Chloramben methyl	ug/l	Dissolved	Actual					O-2060-01	
P61692	3(4-Chlorophenyl)-1-methyl urea	ug/l	Dissolved	Actual					O-1126	
P61693	Bensulfuron-methyl	ug/l	Dissolved	Actual					O-1126	
P61694	Flumetsulam	ug/l	Dissolved	Actual					O-1126	
P61695	Imidacloprid	ug/l	Dissolved	Actual					O-1126	
P61697	Metsulfuron	ug/l	Dissolved	Actual					O-1126	
P62166	Fipronil	ug/l	Dissolved	Actual					O-1126-02	
P82630	Metribuzin	ug/l	Dissolved	Actual					O-1126	
P82660	Diethylaniline, 2,6-	ug/l	Dissolved	Actual					O-1126	
P82661	Trifluralin	ug/l	Dissolved	Actual					O-1126	
P82663	Ethalfuralin	ug/l	Dissolved	Actual					O-1126	
P82664	Phorate	ug/l	Dissolved	Actual					O-1126	
P82665	Terbacil	ug/l	Dissolved	Actual					O-1126	
P82666	Linuron	ug/l	Dissolved	Actual					O-1126	
P82667	Methyl parathion	ug/l	Dissolved	Actual					O-1126	
P82668	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Dissolved	Actual					O-1126	
P82669	Pebulate	ug/l	Dissolved	Actual					O-1126	
P82670	Tebuthiuron	ug/l	Dissolved	Actual					O-1126	
P82671	Molinate	ug/l	Dissolved	Actual					O-1126	
P82672	Ethoprop	ug/l	Dissolved	Actual					O-1126	
P82673	Benefin	ug/l	Dissolved	Actual					O-1126	
P82674	Carbofuran	ug/l	Dissolved	Actual					O-1126	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P82675	Terbufos	ug/l	Dissolved	Actual					O-1126	
P82676	Pronamide	ug/l	Dissolved	Actual					O-1126	
P82677	Disulfoton	ug/l	Dissolved	Actual					O-1126	
P82678	Triallate	ug/l	Dissolved	Actual					O-1126	
P82679	Propanil	ug/l	Dissolved	Actual					O-1126	
P82680	Sevin	ug/l	Dissolved	Actual					O-1126	
P82681	Thiobencarb	ug/l	Dissolved	Actual					O-1126	
P82682	Dacthal	ug/l	Dissolved	Actual					O-1126	
P82683	Pendimethalin	ug/l	Dissolved	Actual					O-1126	
P82684	Napropamide	ug/l	Dissolved	Actual					O-1126	
P82685	Propargite	ug/l	Dissolved	Actual					O-1126	
P82686	Azinphos-methyl	ug/l	Dissolved	Actual					O-1126	
P82687	Permethrin	ug/l	Dissolved	Actual					O-1126	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.SW.ROU	USGS Surface Routine Parameter	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00076	Turbidity	NTU	Total	Actual					I-3860-89	
P00403	pH	None		Actual					I-2587-89	
P00409	Acid Neutralizing Capacity (ANC)	ueq/L	Total	Actual					UNKNOWN	
P00410	Alkalinity, Carbonate as CaCO3	mg/l	Dissolved	Actual					UNKNOWN	
P00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					P-2330	
P00556	Oil and Grease	mg/l	Total	Actual					1664	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
P00623	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual					I-2515		
P00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					I-4515		
P00631	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					I2545(W)		
P00665	Phosphorus as P	mg/l	Total	Actual					365.1		
P00666	Phosphorus as P	mg/l	Dissolved	Actual					365.1		
P00681	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					O-1100-83		
P00688	Carbon, Total Inorganic	mg/l	Suspended	Actual					440(W)		
P00689	Carbon, Total Organic (Toc)	mg/l	Suspended	Actual					O-7100-83		
P00694	Carbon, organic plus inorganic (TC) **Retired	mg/l	Suspended	Actual					440(W)		
P00900	Hardness, carbonate	mg/l	Total	Calculated					UNKNOWN		
P00915	Calcium	mg/l	Dissolved	Actual					I1472		
P00925	Magnesium	mg/l	Dissolved	Actual					I-1472		
P00930	Sodium	mg/l	Dissolved	Actual					I-1472		
P00935	Potassium	mg/l	Dissolved	Actual					I1630(W)		
P00940	Chloride	mg/l	Dissolved	Actual					I2057		
P00945	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					I2057		
P00950	Fluorides	mg/l	Dissolved	Actual					I2327		
P00955	Silica	mg/l	Dissolved	Actual					I2700		
P01020	Boron	ug/l	Dissolved	Actual					I-4729		
P32209	Chlorophyll a, corrected for pheophytin	ug/l	Total	Calculated					445		
P49570	Nitrogen ion (N)	mg/l	Suspended	Actual					440(W)		
P70300	Solids, Dissolved	mg/l	Total	Actual					2540-C		
P70301	Solids, Dissolved	mg/l	Total	Calculated					2540-C		
P70331	Particle distribution	%		Actual					P-2330		
							Particle Size Basis	sieve diameter, % < 0.0625 mm			

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P80154	Solids, Total Suspended (TSS)	mg/l	Total	Actual					P-2330	
P80155	Solids, Total Suspended (TSS)	ton	Total	Calculated					P-2330	
P90095	Specific conductance	uS/cm		Actual				25 Deg C		
P90410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					I-2030-89	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P.SW.VOC	USGS Surface Volatile Organics	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P30217	Dibromomethane	ug/l	Total	Actual					O-4127-96	
P32101	Dichlorobromomethane	ug/l	Total	Actual					O-4127-96	
P32102	Carbon tetrachloride	ug/l	Total	Actual					O-4127-96	
P32103	Dichloroethane, 1,2-	ug/l	Total	Actual					O-4127-96	
P32104	Bromoform	ug/l	Total	Actual					O-4127-96	
P32105	Chlorodibromomethane	ug/l	Total	Actual					O-4127-96	
P32106	Chloroform	ug/l	Total	Actual					O-4127-96	
P34010	Toluene	ug/l	Total	Actual					O-4127-96	
P34030	Benzene	ug/l	Total	Actual					O-4127-96	
P34215	Acrylonitrile	ug/l	Total	Actual					O-4127-96	
P34301	Chlorobenzene	ug/l	Total	Actual					624	
P34311	Chloroethane	ug/l	Total	Actual					O-4127-96	
P34371	Ethylbenzene	ug/l	Total	Actual					O-4127-96	
P34413	Methyl bromide	ug/l	Total	Actual					O-4127-96	
P34418	Methyl chloride	ug/l	Total	Actual					O-4127-96	
P34423	Dichloromethane	ug/l	Total	Actual					O-4127-96	
P34475	Tetrachloroethylene	ug/l	Total	Actual					O-4127-96	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P34488	Trichlorofluoromethane	ug/l	Total	Actual					O-4127-96	
P34496	Dichloroethane, 1,1-	ug/l	Total	Actual					O-4127-96	
P34501	1,1-Dichloroethylene	ug/l	Total	Actual					O-4127-96	
P34506	Trichloroethane, 1,1,1-	ug/l	Total	Actual					O-4127-96	
P34511	Trichloroethane, 1,1,2-	ug/l	Total	Actual					O-4127-96	
P34516	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					O-4127-96	
P34536	1,2-Dichlorobenzene	ug/l	Total	Actual					O-4127-96	
P34541	Dichloropropane, 1,2-	ug/l	Total	Actual					O-4127-96	
P34546	trans-1,2-Dichloroethylene	ug/l	Total	Actual					O-4127-96	
P34551	1,2,4-Trichlorobenzene	ug/l	Total	Actual					O-4127-96	
P34566	1,3-Dichlorobenzene	ug/l	Total	Actual					O-4127-96	
P34571	1,4-Dichlorobenzene	ug/l	Total	Actual					O-4127-96	
P34668	Dichlorodifluoromethane	ug/l	Total	Actual					O-4127-96	
P34696	Naphthalene	ug/l	Total	Actual					O-4127-96	
P34699	trans-1,3-Dichloropropene	ug/l	Total	Actual					O-4127-96	
P34704	cis-1,3-Dichloropropene	ug/l	Total	Actual					O-4127-96	
P39175	Vinyl chloride	ug/l	Total	Actual					O-4127-96	
P39180	Trichloroethylene	ug/l	Total	Actual					O-4127-96	
P39702	Hexachlorobutadiene	ug/l	Total	Actual					O-4127-96	
P50004	Ethyl tert-butyl ether	ug/l	Total	Actual					O-4127-96	
P50005	tert-amyl methyl ether	ug/l	Total	Actual					O-4127-96	
P77093	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					O-4127-96	
P77128	Styrene	ug/l	Total	Actual					O-4127-96	
P77135	Xylene, o-	ug/l	Total	Actual					O-4127-96	
P77168	Dichloropropene, 1,1-	ug/l	Total	Actual					O-4127-96	
P77170	Dichloropropane, 2,2-	ug/l	Total	Actual					O-4127-96	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P77173	Dichloropropane, 1,3-	ug/l	Total	Actual					O-4127-96	
P77222	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					O-4127-96	
P77223	Cumene	ug/l	Total	Actual					O-4127-96	
P77224	Propylbenzene, n-	ug/l	Total	Actual					O-4127-96	
P77226	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					O-4127-96	
P77275	Chlorotoluene, 2-	ug/l	Total	Actual					O-4127-96	
P77277	Chlorotoluene, 4-	ug/l	Total	Actual					O-4127-96	
P77297	Chlorobromomethane	ug/l	Total	Actual					O-4127-96	
P77342	Butyl benzene	ug/l	Total	Actual					O-4127-96	
P77350	Butylbenzene, sec-	ug/l	Total	Actual					O-4127-96	
P77353	Butylbenzene, tert-	ug/l	Total	Actual					O-4127-96	
P77356	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual					O-4127-96	
P77443	Trichloropropane, 1,2,3-	ug/l	Total	Actual					O-4127-96	
P77562	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					O-4127-96	
P77613	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					O-4127-96	
P77651	Ethylene dibromide (EDB)	ug/l	Total	Actual					O-4127-96	
P77652	Freon 113	ug/l	Total	Actual					O-4127-96	
P78032	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					O-4127-96	
P81551	Xylenes mix of m + o + p	ug/l	Total	Actual					O-4127-96	
P81555	Monobromobenzene	ug/l	Total	Actual					O-4127-96	
P81576	Ethyl ether	ug/l	Total	Actual					O-4127-96	
P81577	Diisopropyl ether	ug/l	Total	Actual					O-4127-96	
P82625	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					O-4127-96	
P85795	Xylenes, m- & p- Mix	ug/l	Total	Actual					O-4127-96	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
QC-SED	QC Inc Sediment	Sample	Sediment				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ARSENIC	Arsenic	mg/kg	Total	Actual		Dry			6010B	
CADMIUM	Cadmium	mg/kg	Total	Actual		Dry			6010B	
CHROMIUM-HEX	Chromium, hexavalent	mg/kg	Total	Actual					11230	
COPPER	Copper	mg/kg	Total	Actual		Dry			6010B	
IRON	Iron	mg/kg	Total	Actual		Dry			6010B	
LEAD	Lead	mg/kg	Total	Actual		Dry			6010B	
MANGANESE	Manganese	mg/kg	Total	Actual		Dry			6010B	
MERCURY	Mercury	mg/kg	Total	Actual		Dry			7471	
NICKEL	Nickel	mg/kg	Total	Actual		Dry			6010B	
PETROLEUM HYDROCARBO	Hydrocarbons, Petroleum (Unspecified Mix)	mg/kg	Total	Actual		Dry			418.1	
PHOSPHORUS TOTAL	Phosphorus as P	mg/kg	Total	Actual		Dry			365.2	
SULFATE	Sulfur, sulfate (SO4) as S	mg/kg	Total	Actual		Dry				
TOTAL SOLIDS PERCENT	Solids, Total	%	Total	Actual					2540-D	
ZINC	Zinc	mg/kg	Total	Actual		Dry			6010B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
QC-WAT	QC Inc Water Analysis	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PETROLEUM HYDROCARBO	Hydrocarbons, Petroleum (Unspecified Mix)	mg/l	Total Recovrble	Actual					418.1	
PHOSPHORUS	Phosphorus as P	mg/l	Total	Actual					365.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TOTAL LOW										
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300.0	
TOTAL RECOVERABLE PH	Phenol	mg/l	Total Recovrble	Actual					420.1	
TOTAL SULFIDE AS S	Sulfide	mg/l	Total	Actual					376.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SASMNMET	SASMN Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MAAS	Arsenic	ug/l	Total Recovrble	Actual					200.9	
MACA	Calcium	mg/l	Total Recovrble	Actual					200.7(W)	
MACAD	Calcium	mg/l	Dissolved	Actual					200.7(W)	
MACD	Cadmium	ug/l	Total Recovrble	Actual					200.7(W)	
MACR	Chromium	ug/l	Total Recovrble	Actual					200.7(W)	
MACRH	Chromium, hexavalent	ug/l	Total	Actual					11230	
MACU	Copper	ug/l	Total Recovrble	Actual					200.7(W)	
MAHD	Hardness, carbonate	mg/l	Total Recovrble	Calculated					2340-B	
MAHG	Mercury	ug/l	Total	Actual					245.1	
MAK	Potassium	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MAMG	Magnesium	mg/l	Total Recovrble	Actual					200.7(W)	
MAMGD	Magnesium	mg/l	Dissolved	Actual					200.7(W)	
MANA	Sodium	mg/l	Total Recovrble	Actual					200.7(W)	
MANI	Nickel	ug/l	Total Recovrble	Actual					200.7(W)	
MAPB	Lead	ug/l	Total	Actual					200.9	
MASE	Selenium	ug/l	Total	Actual					200.9	
MAZN	Zinc	ug/l	Total Recovrble	Actual					200.7(W)	
MDCA	Calcium	mg/l	Dissolved	Actual					200.7(W)	
MDHD	Hardness, carbonate	mg/l	Dissolved	Calculated					2340-B	
MDK	Potassium	mg/l	Dissolved	Actual					200.7(W)	
MDMG	Magnesium	mg/l	Dissolved	Actual					200.7(W)	
MDNA	Sodium	mg/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SASMPES	SASMN Pesticides 608	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALDRIN	Aldrin	ug/l	Total	Actual					608	
ALPHA BHC	BHC-alpha	ug/l	Total	Actual					608	
AROCLOR 1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
AROCLOR 1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
AROCLOR 1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
AROCLOR 1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AROCLOR 1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
AROCLOR 1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
AROCLOR 1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
BETA BHC	BHC-beta	ug/l	Total	Actual					608	
CHLORDANE	Chlordane	ug/l	Total	Actual					608	
DDD	DDD, o,p'-	ug/l	Total	Actual					608	
DDE	DDE, o,p'-	ug/l	Total	Actual					608	
DDT	DDT,o,p'-	ug/l	Total	Actual					608	
DELTA BHC	BHC-delta	ug/l	Total	Actual					608	
DIELDRIN	Dieldrin	ug/l	Total	Actual					608	
ENDOSULFAN I	Endosulfan, alpha-	ug/l	Total	Actual					608	
ENDOSULFAN II	Endosulfan, beta-	ug/l	Total	Actual					608	
ENDOSULFAN SULFATE	Endosulfan Sulfate	ug/l	Total	Actual					608	
ENDRIN	Endrin	ug/l	Total	Actual					608	
ENDRIN ALDEHYDE	Endrin Aldehyde	ug/l	Total	Actual					608	
HEPTACHLOR	Heptachlor	ug/l	Total	Actual					608	
HEPTACHLOR EPOXIDE	Heptachlor epoxide	ug/l	Total	Actual					608	
LINDANE	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
TOXAPHENE	Toxaphene	ug/l	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SONDE	DATA SONDE	Data Logger	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a (probe)	ug/l		Actual					SONDE-YSI	
DEPTH	Depth, data-logger (non-ported)	m		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual					SONDE-YSI	
	Acceptable Range	0.00000 - 20.00000 mg/l								
DOSAT	Dissolved oxygen saturation	%		Actual					SONDE-YSI	
	Acceptable Range	0.00000 - 120.00000 %								
PH	pH	None		Actual					SONDE-YSI	
	Acceptable Range	0.00000 - 14.00000 None								
SAL	Salinity	0/00		Actual					SONDE-YSI	
SC	Specific conductance	uS/cm		Actual				25 Deg C	SONDE-YSI	
SCM	Specific conductance	mS/cm		Actual				25 Deg C	SONDE-YSI	
TEMP	Temperature, water	deg C		Actual					SONDE-YSI	
TURB	Turbidity	NTU		Actual					SONDE-YSI	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
USGS.HG	Low Level Mercury at USGS lab	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HG-DISS	Mercury	ug/l	Dissolved	Actual					WDML SOP001	
HG-DISS-J	Mercury	ug/l	Dissolved	Estimated					WDML SOP001	

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NYS Dept. of EnCon, Division of Water

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-BACT	Bacteriological Parameters	Sample	Water				N

Citations J.A.Myers, etal., 2000, Program Plan for Statewide Waters Monitoring Program, NYSDEC, 47 pgs (plus append)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Total Coliform	#/100ml		Actual					9222-B	
	Acceptable Range	1.00000 - 30,000.00000 #/100ml								
2	Fecal Coliform	#/100ml		Actual					9222-D	
	Acceptable Range	1.00000 - 5,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-FLD	Field Data	Field Msr/Obs	Water				N

Citations J.A.Myers, etal., 2000, Program Plan for Statewide Waters Monitoring Program, NYSDEC, 47 pgs (plus append)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					RIBS-FIELD	
	Acceptable Range	0.00000 - 25.00000 deg C								
2	Dissolved oxygen (DO)	mg/l		Actual					RIBS-FIELD	
	Acceptable Range	5.00000 - 15.00000 mg/l								
3	pH	None		Actual					RIBS-FIELD	
	Acceptable Range	6.50000 - 8.50000 None								
4	Specific conductance	uS/cm		Actual					RIBS-FIELD	
	Acceptable Range	20.00000 - 1,000.00000 uS/cm								
5	Barometric pressure	mm/Hg		Actual					RIBS-FIELD	
	Acceptable Range	400.00000 - 800.00000 mm/Hg								
6	Flow	cfs		Estimated					RIBS-OBSRV	
	Acceptable Range	0.00000 - 10,000.00000 cfs								

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NYS Dept. of EnCon, Division of Water

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-METD	Heavy Metals, Dissolved	Sample	Water				N

Citations J.A.Myers, etal., 2000, Program Plan for Statewide Waters Monitoring Program, NYSDEC, 47 pgs (plus append)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Aluminum	ug/l	Dissolved	Actual					200.7(W)	RIBS-WCOL-FLT
	Acceptable Range	10.00000 - 200.00000 ug/l								
2	Cadmium	ug/l	Dissolved	Actual					200.8(W)	RIBS-WCOL-FLT
	Acceptable Range	0.02000 - 1.00000 ug/l								
3	Copper	ug/l	Dissolved	Actual					200.8(W)	RIBS-WCOL-FLT
4	Lead	ug/l	Dissolved	Actual					200.8(W)	RIBS-WCOL-FLT
5	Nickel	ug/l	Dissolved	Actual					200.8(W)	RIBS-WCOL-FLT
6	Zinc	ug/l	Dissolved	Actual					200.7(W)	RIBS-WCOL-FLT

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-METT	Heavy Metals, Total	Sample	Water				N

Citations J.A.Myers, etal., 2000, Program Plan for Statewide Waters Monitoring Program, NYSDEC, 47 pgs (plus append)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Aluminum	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	15.00000 - 1,000.00000 ug/l								
2	Cadmium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.04000 - 5.00000 ug/l								
3	Copper	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.20000 - 5.00000 ug/l								
4	Iron	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	2.50000 - 300.00000 ug/l								
5	Lead	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.25000 - 1.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
6	Manganese Acceptable Range	ug/l	Total	Actual					200.7(W)	
7	Mercury Acceptable Range	ug/l	Total	Actual					245.1	
8	Nickel Acceptable Range	ug/l	Total	Actual					200.8(W)	
9	Zinc Acceptable Range	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-MIN	Minerals	Sample	Water				N
Citations		J.A.Myers, etal., 2000, Program Plan for Statewide Waters Monitoring Program, NYSDEC, 47 pgs (plus append)					
Description		Parameter group includes various nutrient, solids fractions, and other physical/chemical parameters routinely collected at all RIBS Intensive/Routine Network sites.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3 Acceptable Range	mg/l		Actual					310.1	
2	Hardness, Ca + Mg Acceptable Range	mg/l	Total	Actual					130.2	
3	Calcium Acceptable Range	mg/l	Total	Actual					200.7(W)	
4	Magnesium Acceptable Range	mg/l	Total	Actual					200.7(W)	
5	Sodium Acceptable Range	mg/l	Total	Actual					200.7(W)	
6	Potassium Acceptable Range	mg/l	Total	Actual					200.7(W)	
7	Chloride	mg/l	Total	Actual					300(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	1.00000 - 300.00000 mg/l								
8	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 750.00000 mg/l								
9	Fluorides	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.02000 - 1.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-NUTR	Nutrients	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.1	
	Acceptable Range	0.01000 - 1.00000 mg/l								
2	Nitrogen, Kjeldahl	mg/l		Actual					351.2	
	Acceptable Range	0.05000 - 1.50000 mg/l								
3	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					353.2	
	Acceptable Range	0.01000 - 0.50000 mg/l								
4	Nitrogen, Nitrate (NO3) as NO3	mg/l		Calculated					353.2	
	Acceptable Range	0.05000 - 2.00000 mg/l								
5	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
	Acceptable Range	0.02000 - 2.00000 mg/l								
6	Phosphorus as P	mg/l	Total	Actual					365.1	RIBS-WCOL
	Acceptable Range	0.00300 - 0.50000 mg/l								
7	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	

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NYS Dept. of EnCon, Division of Water

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-PHNL	Phenolic Compounds	Sample	Water				N

Citations J.A.Myers, etal., 2000, Program Plan for Statewide Waters Monitoring Program, NYSDEC, 47 pgs (plus append)

Description Parameter group is limited to Total Phenolic Compounds

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Phenols (mixture)	mg/l	Total	Actual					420.2	RIBS-WCOL
	Acceptable Range	0.00000 - 1.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-PHYS	Physical	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	pH	None		Actual					150.1	
	Acceptable Range	6.50000 - 8.50000 None								
2	Specific conductance	umho/cm		Actual					120.1	
	Acceptable Range	30.00000 - 1,500.00000 umho/cm								
3	Turbidity	NTU		Actual					180.1	
	Acceptable Range	0.50000 - 3.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-SOL	Solids/ Suspended Sediment	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Solids, Total	mg/l		Actual					160.3	
	Acceptable Range	1.00000 - 600.00000 mg/l								
2	Solids, Dissolved	mg/l		Actual					160.2	
	Acceptable Range	0.00000 - 500.00000 mg/l								

Characteristic Group Details

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NYS Dept. of EnCon, Division of Water

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
3	Solids, Total Suspended (TSS)	mg/l		Actual					160.1	
	Acceptable Range	1.00000 - 150.00000 mg/l								
4	Solids, Volatile	mg/l	Total	Actual					160.4	RIBS-WCOL
	Acceptable Range	1.00000 - 150.00000 mg/l								
5	Solids, Fixed	mg/l	Total	Actual					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIB-VHO	Volatile Halogenated Organics	Sample	Water				N

Citations J.A.Myers, et al., 2000, Program Plan for Statewide Waters Monitoring Program, NYSDEC, 47 pgs (plus append)
Description Parameter group is limited to eight volatile halogenated organics most commonly detected in ambient waters.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chloroform	ug/l		Actual					601	
	Acceptable Range	0.10000 - 1.00000 ug/l								
2	Chlorodibromomethane	ug/l		Actual					601	
	Acceptable Range	0.10000 - 1.00000 ug/l								
3	Dichlorobromomethane	ug/l		Actual					601	
	Acceptable Range	0.20000 - 1.00000 ug/l								
4	Methyl chloride	ug/l		Actual					601	
	Acceptable Range	0.20000 - 1.00000 ug/l								
5	Trichloroethylene	ug/l		Actual					601	
	Acceptable Range	0.00000 - 1.00000 ug/l								
6	Tetrachloroethylene	ug/l		Actual					601	
	Acceptable Range	0.20000 - 1.00000 ug/l								
7	Vinyl chloride	ug/l		Actual					601	
	Acceptable Range	0.30000 - 1.00000 ug/l								
8	Dichloromethane	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 1.00000 ug/l								

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210HDGW

Division of Drinking and Ground Water (Ohio)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-AA	Metals, AA, Ambient	Sample	Water				N

Citations Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1

Description Group of four GFAA metals: As, Cd, Pb, and Se.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P1002	Arsenic	ug/l	Total	Actual					SM 3113B	
	Acceptable Range	2.00000 - 8.00000 ug/l								
P1002_O	Arsenic	ug/l	Total	Actual					407.1	
	Acceptable Range	2.00000 - 8.00000 ug/l								
P1027	Cadmium	ug/l	Total	Actual					SM 3113B	
	Acceptable Range	0.20000 - 0.25000 ug/l								
P1027_O	Cadmium	ug/l	Total	Actual					407.1	
	Acceptable Range	0.20000 - 0.25000 ug/l								
P1051	Lead	ug/l	Total	Actual					SM 3113B	
	Acceptable Range	2.00000 - 5.00000 ug/l								
P1051_O	Lead	ug/l	Total	Actual					407.1	
	Acceptable Range	2.00000 - 5.00000 ug/l								
P1147	Selenium	ug/l	Total	Actual					SM 3113B	
	Acceptable Range	2.00000 - 2.50000 ug/l								
P1147_O	Selenium	ug/l	Total	Actual					407.1	
	Acceptable Range	2.00000 - 2.50000 ug/l								
P71900	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.20000 - 8.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-BNA	Base Neutral Acid Extractable	Sample	Water				N

Citations Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1

Description Standard Ambient Template for BNAs (Semi-Volatile Compounds): Method 625, 53 parameters + 10 TIC maximum.

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P34200	Acenaphthylene	ug/l	Total	Actual					625.0	
P34205	Acenaphthene	ug/l	Total	Actual					625.0	
P34220	Anthracene	ug/l	Total	Actual					625.0	
P34230	Benzo[b]fluoranthene	ug/l	Total	Actual					625.0	
P34242	Benzo[k]fluoranthene	ug/l	Total	Actual					625.0	
P34273	bis(2-chloroethyl) ether	ug/l	Total	Actual					625.0	
P34278	bis(2-chloroethoxy) methane	ug/l	Total	Actual					625.0	
P34283	Bis(2-chloroisopropyl) ether	ug/l	Total	Actual					625.0	
P34293	Butyl benzyl phthalate	ug/l	Total	Actual					625.0	
P34320	Chrysenes C1-C4	ug/l	Total	Actual					625.0	
P34327	Benzo[a]pyrene	ug/l	Total	Actual					625.0	
P34336	Diethyl phthalate	ug/l	Total	Actual					625.0	
P34341	Dimethyl phthalate	ug/l	Total	Actual					625.0	
P34376	Fluoranthenes, C1-C4	ug/l	Total	Actual					625.0	
P34381	Fluorenes, C1-C3	ug/l	Total	Actual					625.0	
P34386	Hexachlorocyclopentadiene	ug/l	Total	Actual					625.0	
P34396	Hexachloroethane	ug/l	Total	Actual					625.0	
P34403	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					625.0	
P34408	Isophorone	ug/l	Total	Actual					625.0	
P34428	n-Nitrosodipropylamine	ug/l	Total	Actual					625.0	
P34433	n-Nitrosodiphenylamine	ug/l	Total	Actual					625.0	
P34447	nitro-Benzene	ug/l	Total	Actual					625.0	
P34452	4-Chloro-3-methylphenol	ug/l	Total	Actual					625.0	
P34461	Phenanthrenes, C1-C4	ug/l	Total	Actual					625.0	
P34469	Pyrene	ug/l	Total	Actual					625.0	
P34521	Benzo[g,h,i]perylene	ug/l	Total	Actual					625.0	
P34526	Benzo[a]anthracene	ug/l	Total	Actual					625.0	

Characteristic Group Details

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P34536	1,2-Dichlorobenzene	ug/l	Total	Actual					625.0	
P34551	1,2,4-Trichlorobenzene	ug/l	Total	Actual					625.0	
P34556	Dibenzo[a,h]anthracene	ug/l	Total	Actual					625.0	
P34566	1,3-Dichlorobenzene	ug/l	Total	Actual					625.0	
P34571	1,4-Dichlorobenzene	ug/l	Total	Actual					625.0	
P34581	Chloronaphthalene-2	ug/l	Total	Actual						
P34586	Chlorophenol-2	ug/l	Total	Actual					625.0	
P34591	Nitrophenol, 2-	ug/l	Total	Actual					625.0	
P34596	bis(n-octyl) Phthalate	ug/l	Total	Actual					625.0	
P34601	2,4-Dichlorophenol	ug/l	Total	Actual					625.0	
P34606	2,4-Dimethylphenol	ug/l	Total	Actual						
P34611	2,4-Dinitrotoluene	ug/l	Total	Actual					625.0	
P34616	Dinitrophenol, 2,4-	ug/l	Total	Actual					625.0	
P34621	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					625.0	
P34626	2,6-Dinitrotoluene	ug/l	Total	Actual					625.0	
P34636	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					625.0	
P34641	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					625.0	
P34646	p-Nitrophenol	ug/l	Total	Actual					625.0	
P34694	Phenol	ug/l	Total	Actual					625.0	
P34696	Naphthalene	ug/l	Total	Actual					625.0	
P39032	Pentachlorophenol (PCP)	ug/l	Total	Actual					625.0	
P39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					625.0	
P39110	Dibutyl phthalate	ug/l	Total	Actual					625.0	
P39700	Hexachlorobenzene	ug/l	Total	Actual					625.0	
P39702	Hexachlorobutadiene	ug/l	Total	Actual					625.0	
PBBBBB	Dinitro-o-cresol	ug/l	Total	Actual					625.0	

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Division of Drinking and Ground Water (Ohio)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-FP	Field Parameters, Ambient	Field Msr/Obs	Water				N

Citations Ohio EPA-DDAGW, 2002, Operating Procedures Document, Ohio EPA, 3-1 to 3-15

Description Specific Conductivity, pH, and Temperature of ambient (raw) ground water

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P10	Temperature, water	deg C		Actual					TEMP-001	
	Acceptable Range	4.00000 - 17.05000 deg C								
P299	Dissolved oxygen (DO)	mg/l	Total	Actual						
	Acceptable Range	0.10000 - 15.00000 mg/l								
P400	pH	None	Total	Actual					PH-001	
	Acceptable Range	5.50000 - 8.30000 None								
P76	Turbidity	NTU		Actual						
P94	Specific conductance	umho/cm		Actual				25 Deg C	SP.COND.-001	
	Acceptable Range	0.00000 - 1,100.00000 umho/cm								
PORP	Oxidation reduction potential (ORP)	mV	Total	Actual					ORP-001	
PTDS	Solids, Dissolved	mg/l	Total	Actual					TDS-001	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-ICP	Metals, ICP, Ambient	Sample	Water				N

Citations Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1

Description Metals by ICP for raw AGWMP samples

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P1007	Barium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	15.00000 - 419.00000 ug/l								
P1007_O	Barium	ug/l	Total	Actual					401.1	
	Acceptable Range	15.00000 - 419.00000 ug/l								

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P1034	Chromium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	30.00000 - 31.00000 ug/l								
P1034_O	Chromium	ug/l	Total	Actual					401.1	
	Acceptable Range	30.00000 - 31.00000 ug/l								
P1042	Copper	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	10.00000 - 23.00000 ug/l								
P1042_O	Copper	ug/l	Total	Actual					401.1	
	Acceptable Range	10.00000 - 23.00000 ug/l								
P1045	Iron	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	50.00000 - 4,000.00000 ug/l								
P1045_O	Iron	ug/l	Total	Actual					401.1	
	Acceptable Range	50.00000 - 4,000.00000 ug/l								
P1055	Manganese	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	10.00000 - 600.00000 ug/l								
P1055_O	Manganese	ug/l	Total	Actual					401.1	
	Acceptable Range	10.00000 - 600.00000 ug/l								
P1067	Nickel	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	40.00000 - 42.00000 ug/l								
P1067_O	Nickel	ug/l	Total	Actual					401.1	
	Acceptable Range	40.00000 - 42.00000 ug/l								
P1082	Strontium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	30.00000 - 29,000.00000 ug/l								
P1082_O	Strontium	ug/l	Total	Actual					401.1	
	Acceptable Range	30.00000 - 29,000.00000 ug/l								
P1087	Vanadium	ug/l	Total	Actual					401.1	
	Acceptable Range	0.20000 - 8.00000 ug/l								
P1092	Zinc	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	10.00000 - 100.00000 ug/l								
P1092_O	Zinc	ug/l	Total	Actual					401.1	
	Acceptable Range	10.00000 - 100.00000 ug/l								
P1105	Aluminum	ug/l	Total	Actual					200.7(W)	

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	100.00000 - 200.00000 ug/l								
P1105_O	Aluminum	ug/l	Total	Actual					401.1	
	Acceptable Range	100.00000 - 200.00000 ug/l								
P1220	Chromium, hexavalent	ug/l	Dissolved	Actual					417.2	
	Acceptable Range	0.20000 - 8.00000 ug/l								
P900	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	
	Acceptable Range	10.00000 - 700.00000 mg/l								
P900_O	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	
	Acceptable Range	10.00000 - 700.00000 mg/l								
P916	Calcium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	2.00000 - 156.00000 mg/l								
P916_O	Calcium	mg/l	Total	Actual					401.1	
	Acceptable Range	2.00000 - 156.00000 mg/l								
P927	Magnesium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	1.00000 - 60.00000 mg/l								
P927_O	Magnesium	mg/l	Total	Actual					401.1	
	Acceptable Range	1.00000 - 60.00000 mg/l								
P929	Sodium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	5.00000 - 100.00000 mg/l								
P929_O	Sodium	mg/l	Total	Actual					401.1	
	Acceptable Range	5.00000 - 100.00000 mg/l								
P937	Potassium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	2.00000 - 5.00000 mg/l								
P937_O	Potassium	mg/l	Total	Actual					401.1	
	Acceptable Range	2.00000 - 5.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-NAOH	NAOH Preserved	Sample	Water				N

Citations Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1

Characteristic Group Details

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Division of Drinking and Ground Water (Ohio)

Description NAOH Preserved samples, mainly cyanide, total, and cyanide free.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P718	Cyanide	ug/l	Total	Actual					240.1	
	Acceptable Range	10.00000 - 50.00000 ug/l								
P720	Cyanide	ug/l	Free Available	Actual					240.2	
	Acceptable Range	10.00000 - 50.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-NDI	Nutrients, Demand, Inorganic	Sample	Water				N

Citations Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1

Description Group of 11 nutrient and demand and general inorganic constituents: TDS, TOC, Alkalinity, Chloride, COD, Fluoride, Ammonia-N, Nitrate-Nitrite, Sulfate, TKN, and Total Phosphorous.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P32730	Phenols (mixture)	ug/l	Total	Actual					340.1	
	Acceptable Range	0.10000 - 5.00000 ug/l								
P335	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					SM 5220D	
	Acceptable Range	5.00000 - 65.00000 mg/l								
P340	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					SM 5220D	
	Acceptable Range	10.00000 - 15.00000 mg/l								
P340_O	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					320.3	
	Acceptable Range	10.00000 - 15.00000 mg/l								
P610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
	Acceptable Range	0.05000 - 0.80000 mg/l								
P610_O	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					250.1	
	Acceptable Range	0.05000 - 0.80000 mg/l								

Characteristic Group Details

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P615	Nitrogen, Nitrite (NO2) as NO2 Acceptable Range	mg/l 0.20000 - 4.00000 mg/l	Total	Actual					250.4	
P620	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l 0.50000 - 4.00000 mg/l	Total	Actual					250.5	
P625	Nitrogen, Kjeldahl Acceptable Range	mg/l 0.20000 - 1.00000 mg/l	Total	Actual					351.2	
P625_O	Nitrogen, Kjeldahl Acceptable Range	mg/l 0.20000 - 1.00000 mg/l	Total	Actual					250.2	
P630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l 0.10000 - 2.20000 mg/l	Total	Actual					350.1	
P630_O	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l 0.10000 - 2.20000 mg/l	Total	Actual					250.3	
P650	Phosphate Acceptable Range	mg/l 0.00000 - 0.50000 mg/l	Total	Actual						
P665	Phosphorus Acceptable Range	mg/l 0.05000 - 0.20000 mg/l	Total	Actual					351.2	
P665_O	Phosphorus Acceptable Range	mg/l 0.05000 - 0.20000 mg/l	Total	Actual					260.1	
P666	Phosphorus	mg/l	Dissolved	Actual					351.2	
P680	Carbon, Total Organic (Toc) Acceptable Range	mg/l 2.00000 - 5.00000 mg/l	Total	Actual					SM 5310B	
P7000	Tritium Acceptable Range	T.U. 0.80000 - 20.00000 T.U.	Total	Actual					TRIT	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-ORGCL	Organochlorine Pesticides	Sample	Water				N
Citations	Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1						
Description	Contains 19 chlorine containing organic pesticides, GC Method 608						

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Aldrin									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-PEST	Pesticides/Herbicides	Sample	Water				N
Citations	Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1						
Description	Standard Ambient Template for Pesticides/Herbicides, Method 525.2, 12 parameters, plus 25 older pest/herb compounds						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P04024	Propachlor	ug/l	Total	Actual					525.2	
P04041	Cyanazine	ug/l	Total	Actual					525.2	
P34327	Benzo[a]pyrene	ug/l	Total	Actual					525.2	
P39032	Pentachlorophenol (PCP)	ug/l	Total	Actual					525.2	
P39033	Atrazine	ug/l	Total	Actual					525.2	
P39055	Simazine	ug/l	Total	Actual					525.2	
P39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					525.2	
P39356	Metolachlor	ug/l	Total	Actual					525.2	
P77825	Alachlor	ug/l	Total	Actual					525.2	
P77860	Butachlor	ug/l	Total	Actual					525.2	
P77903	bis(2-ethylhexyl) adipate	ug/l	Total	Actual					525.2	
P81408	Metribuzin	ug/l	Total	Actual					525.2	
PP1	Chlordane	ug/l	Total	Actual					525.2	
PP10	Aldrin	ug/l	Total	Actual					525.2	
PP11	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					525.2	
PP12	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					525.2	

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PP13	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					525.2	
PP14	Dieldrin	ug/l	Total	Actual					525.2	
PP18	Malathion	ug/l	Total	Actual					525.2	
PP19	Parathion	ug/l	Total	Actual					525.2	
PP2	Heptachlor	ug/l	Total	Actual					525.2	
PP20	Methyl parathion	ug/l	Total	Actual					525.2	
PP22	Linuron	ug/l	Total	Actual					525.2	
PP23	Trifluralin	ug/l	Total	Actual					525.2	
PP24	Heptachlor epoxide	ug/l	Total	Actual					525.2	
PP25	Glyphosate (Roundup)	ug/l	Total	Actual					525.2	
PP26	Acetochlor	ug/l	Total	Actual					525.2	
PP3	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					525.2	
PP4	Endrin	ug/l	Total	Actual					525.2	
PP5	BHC-gamma (Lindane)	ug/l	Total	Actual					525.2	
PP6	Methoxychlor	ug/l	Total	Actual					525.2	
PP7	Toxaphene	ug/l	Total	Actual					525.2	
PP9	Silvex	ug/l	Total	Actual					525.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-UNPR	Unpreserved, Ambient	Sample	Water				N
Citations	Ohio EPA-DDAGW, 2002, Operating Procedures Document, Ohio EPA, 3-1 to 3-15						
Description	Group contains a variety of unpreserved Ambient parameters: Cl, F, TDS, Alkalinity, and SO4, Tritium, BOD, MBAS, etc.						

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
70300_O	Solids, Dissolved Acceptable Range	mg/l 10.00000 - 1,000.00000 mg/l		Actual					160.1	
P310	BOD, Biochemical oxygen demand Acceptable Range	mg/l 2.00000 - 10.00000 mg/l	Total	Actual			5 Day		310.1	
P31616	Fecal Coliform Acceptable Range	#/100ml 10.00000 - 50.00000 #/100ml	Total	Actual					620.1	
P38260	MBAS (detergents, surfactants) Acceptable Range	mg/l 0.50000 - 25.00000 mg/l	Total	Actual						
P403	pH Acceptable Range	None 0.10000 - 12.00000 None	Total	Actual					PH-001	
P410	Alkalinity, Total (total hydroxide+carbonate+bicarbonate) Acceptable Range	mg/l 5.00000 - 500.00000 mg/l	Total	Actual					310.1	
P410_O	Alkalinity, Total (total hydroxide+carbonate+bicarbonate) Acceptable Range	mg/l 5.00000 - 500.00000 mg/l	Total	Actual					220.11	
P500	Solids, Total Acceptable Range	mg/l 5.00000 - 600.00000 mg/l		Actual					130.1	
P530	Solids, Total Acceptable Range	mg/l 10.00000 - 600.00000 mg/l		Actual					130.3	
P7000	Tritium Acceptable Range	T.U. 0.80000 - 50.00000 T.U.	Total	Actual					TRIT	
P70300	Solids, Dissolved Acceptable Range	mg/l 10.00000 - 1,000.00000 mg/l		Actual					SM 2540C	
P70508	Acidity, Hydrogen ion (H+) Acceptable Range	mg/l 0.10000 - 25.00000 mg/l	Total	Actual					210.1	
P940	Chloride Acceptable Range	mg/l 5.00000 - 94.00000 mg/l	Total	Actual					325.1	
P940_O	Chloride	mg/l	Total	Actual					230.1	

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	5.00000 - 94.00000 mg/l								
P945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
	Acceptable Range	5.00000 - 380.00000 mg/l								
P945_O	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					270.2	
	Acceptable Range	5.00000 - 380.00000 mg/l								
P95	Specific conductance	umho/cm		Actual						
	Acceptable Range	0.00500 - 1,000.00000 umho/cm								
P951	Fluorides	mg/l	Total	Actual					SM 4500-FC	
	Acceptable Range	0.10000 - 1.80000 mg/l								
P951_O	Fluorides	mg/l	Total	Actual					280.1	
	Acceptable Range	0.10000 - 1.80000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-VOC	Volatile Organic Compounds	Sample	Water				N
Citations	Division of Environmental Services, 1997, Manual of Laboratory Analytical Procedures, Ohio EPA-DES, Volume 1						
Description	Standard Template for Ambient samples : Method 524.2 (60 parameters), + 10 TIC maximum. MTBE was included in the Fall of 2000.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P03908	Cymene ***retired***(use p-Cymene)	ug/l	Total	Actual					524.2	
P32101	Dichlorobromomethane	ug/l	Total	Actual					524.2	
P32102	Carbon tetrachloride	ug/l	Total	Actual					524.2	
P32103	Dichloroethane, 1,2-	ug/l	Total	Actual					524.2	
P32104	Bromoform	ug/l	Total	Actual					524.2	
P32105	Chlorodibromomethane	ug/l	Total	Actual					524.2	
P32106	Chloroform	ug/l	Total	Actual					524.2	
P34010	Toluene	ug/l	Total	Actual					524.2	

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P34020	Xylene, o-	ug/l	Total	Actual					524.2	
P34030	Benzene	ug/l	Total	Actual					524.2	
P34301	Chlorobenzene	ug/l	Total	Actual					524.2	
P34311	Chloroethane	ug/l	Total	Actual					524.2	
P34371	Ethylbenzene	ug/l	Total	Actual					524.2	
P34392	Hexachlorobutadiene	ug/l	Total	Actual					524.2	
P34413	Methyl bromide	ug/l	Total	Actual					524.2	
P34418	Methyl chloride	ug/l	Total	Actual					524.2	
P34423	Dichloromethane	ug/l	Total	Actual					524.2	
P34476	Tetrachloroethylene	ug/l	Total	Actual					524.2	
P34488	Trichlorofluoromethane	ug/l	Total	Actual					524.2	
P34496	Dichloroethane, 1,1-	ug/l	Total	Actual					524.2	
P34501	1,1-Dichloroethylene	ug/l	Total	Actual					524.2	
P34506	Trichloroethane, 1,1,1-	ug/l	Total	Actual					524.2	
P34511	Trichloroethane, 1,1,2-	ug/l	Total	Actual					524.2	
P34516	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					524.2	
P34536	1,2-Dichlorobenzene	ug/l	Total	Actual					524.2	
P34541	Dichloropropane, 1,2-	ug/l	Total	Actual					524.2	
P34546	trans-1,2-Dichloroethylene	ug/l	Total	Actual					524.2	
P34551	1,2,4-Trichlorobenzene	ug/l	Total	Actual					524.2	
P34566	1,3-Dichlorobenzene	ug/l	Total	Actual					524.2	
P34571	1,4-Dichlorobenzene	ug/l	Total	Actual					524.2	
P34668	Dichlorodifluoromethane	ug/l	Total	Actual					524.2	
P34696	Naphthalene	ug/l	Total	Actual					524.2	
P34699	trans-1,3-Dichloropropene	ug/l	Total	Actual					524.2	
P34704	cis-1,3-Dichloropropene	ug/l	Total	Actual					524.2	
P38760	1,2-Dibromo-3-chloropropane	ug/l	Total	Actual					524.2	

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(DBCP)									
P39175	Vinyl chloride	ug/l	Total	Actual					524.2	
P39180	Trichloroethylene	ug/l	Total	Actual					524.2	
P77093	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					524.2	
P77128	Styrene	ug/l	Total	Actual					524.2	
P77168	Dichloropropene, 1,1-	ug/l	Total	Actual					524.2	
P77170	Dichloropropane, 2,2-	ug/l	Total	Actual					524.2	
P77173	Dichloropropane, 1,3-	ug/l	Total	Actual					524.2	
P77222	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					524.2	
P77223	Cumene	ug/l	Total	Actual					524.2	
P77224	Propylbenzene, n-	ug/l	Total	Actual					524.2	
P77226	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					524.2	
P77275	Chlorotoluene, 2-	ug/l	Total	Actual					524.2	
P77277	Chlorotoluene, 4-	ug/l	Total	Actual					524.2	
P77297	Chlorobromomethane	ug/l	Total	Actual					524.2	
P77342	Butyl benzene	ug/l	Total	Actual					524.2	
P77350	Butylbenzene, sec-	ug/l	Total	Actual					524.2	
P77353	Butylbenzene, tert-	ug/l	Total	Actual					524.2	
P77443	Trichloropropane, 1,2,3-	ug/l	Total	Actual					524.2	
P77562	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					524.2	
P77596	Dibromomethane	ug/l	Total	Actual					524.2	
P77613	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					524.2	
P77651	Ethylene dibromide (EDB)	ug/l	Total	Actual					524.2	
P81555	Monobromobenzene	ug/l	Total	Actual					524.2	
P85795	Xylenes, m- & p- Mix	ug/l	Total	Actual					524.2	
PMTBE	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					524.2	

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Division of Drinking and Ground Water (Ohio)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PT137	Diisopropyl ether	ug/l	Total	Actual					524.2	
PT139	Propane	ug/l	Total	Actual					524.2	
PT140	Isobutane	ug/l	Total	Actual					524.2	
PT141	Butane	ug/l	Total	Actual					524.2	
PTHM	Trihalomethanes (unspecified mix)	ug/l	Total	Actual					524.2	

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
000	Stream (non-routine)	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00515A	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					13765	
00530A	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					13765	
00530H	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					13765	
00600	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00915A	Calcium	ug/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00935A	Potassium	mg/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00937A	Potassium	mg/l	Total	Actual					200.7(W)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
01000	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01025A	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01030A	Chromium	ug/l	Dissolved	Actual					200.7(W)	
01030H	Chromium	ug/l	Dissolved	Actual					200.8(W)	
01040A	Copper	ug/l	Dissolved	Actual					200.7(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01045W	Iron	ug/l	Total	Actual					200.7(W)	
01045Z	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051A	Lead	ug/l	Total	Actual					200.7(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01057H	Thallium	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01090A	Zinc	ug/l	Dissolved	Actual					200.7(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106A	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
01106D	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
40000	Solids, Total	%		Actual					EPA SW 846 305	
40005K	Moisture content	%	Total	Actual					EPA SW 846 305	
40006K	Solids, Total	mg/kg	Total	Actual					EPA SW 846 305	
40280	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
40610	Ammonia, unionized	mg/l	Total	Actual					350.1	
40665	Phosphorus	mg/l	Total	Actual					365_M	
46022K	Boron	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46251	Magnesium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46251K	Magnesium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46254	Iron	mg/kg	Total	Actual					EPA SW 846 305	
46255	Manganese	mg/kg	Total	Actual					EPA SW 846 305	
46255K	Manganese	mg/kg	Total	Actual		Dry			EPA SW 846 305	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
46256	Calcium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46256K	Calcium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46257	Copper	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46257K	Copper	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46258	Lead	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46258K	Lead	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46259	Mercury	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46259K	Mercury	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46307	Nickel	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46307K	Nickel	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46308K	Chromium	mg/kg	Total	Actual					EPA SW 846 305	
46309	Cadmium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46309K	Cadmium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46610	Nitrogen, ammonium (NH4) as NH4	mg/kg	Total Recovrble	Actual		Dry			EPA SW 846 305	
46665	Phosphorus	%	Total	Actual					365_M	
46745	Sulfide	mg/kg	Total	Actual		Dry			EPA SW 846 305	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
46900	Aluminum	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46900K	Aluminum	ug/l	Total	Actual		Dry			EPA SW 846 305	
46901	Barium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46901K	Barium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46902K	Silver	mg/kg	Total	Actual					EPA SW 846 305	
46903	Arsenic	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46903K	Arsenic	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46905	Zinc	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46905K	Zinc	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46909K	Antimony	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46910	Beryllium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46910K	Beryllium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46912	Tin	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46912K	Tin	mg/kg	Total	Actual		Dry			EPA SW 846 305	
46913K	Vanadium	mg/kg	Total	Actual		Dry			EPA SW 846 305	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
71890X	Mercury	ug/l	Dissolved	Actual					245.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
010	WQN Routine	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/l	Total	Actual					410.4	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					I3765	
00556H	Oil and Grease	mg/l	Total	Actual					1664	
00600	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00719A	Cyanide	mg/l	Total	Actual					DEPCYAN	
00720A	Cyanide	mg/l	Total	Actual					335.4	
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00915A	Calcium	ug/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00937A	Potassium	mg/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Dissolved	Actual					300(A)	
00940A	Chloride	mg/l	Total	Actual					325.2	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
00951	Fluorides	mg/l	Total	Actual					300(A)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01007A	Barium	ug/l	Total	Actual					200.7(W)	
01012A	Beryllium	ug/l	Total	Actual					200.7(W)	
01027A	Cadmium	ug/l	Total	Actual					200.7(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040A	Copper	ug/l	Dissolved	Actual					200.7(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01077	Silver	ug/l	Total	Actual					200.7(W)	
01077A	Silver	ug/l	Total	Actual					200.7(W)	
01087A	Vanadium	ug/l	Total	Actual					200.7(W)	
01090A	Zinc	ug/l	Dissolved	Actual					200.7(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01095H	Zinc	ug/l	Total	Actual					200.8(W)	
01097	Antimony	ug/l	Total	Actual					200.8(W)	
01097H	Antimony	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106A	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
01147H	Selenium	ug/l	Dissolved	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
38260	MBAS (detergents, surfactants)	mg/l	Total	Actual					DEPMBAS	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
70507A	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
71900I	Mercury	ug/l	Total	Actual					245.1	
71900X	Mercury	ug/l	Total	Actual					245.1	
82550	Osmotic pressure	mmol/kg	Total	Actual					DEPOSPRESS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
011	WQN Toxics	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/l	Total	Actual					200.7(W)	
00403	pH	None	Total	Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					I3765	
00556H	Oil and Grease	mg/l	Total	Actual					1664	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00719A	Cyanide	mg/l	Total	Actual					DEPCYAN	
00720A	Cyanide	mg/l	Total	Actual					335.4	
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
00951	Fluorides	mg/l	Total	Actual					300(A)	
01000	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01025A	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01027A	Cadmium	ug/l	Total	Actual					200.7(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01030A	Chromium	ug/l	Dissolved	Actual					200.7(W)	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040A	Copper	ug/l	Dissolved	Actual					200.7(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01075H	Silver	ug/l	Dissolved	Actual					200.8(W)	
01090A	Zinc	ug/l	Dissolved	Actual					200.7(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106A	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
01145H	Selenium	ug/l	Dissolved	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
70507A	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
71900I	Mercury	ug/l	Total	Actual					245.1	
71900X	Mercury	ug/l	Total	Actual					245.1	
71901	Mercury	ug/l	Dissolved	Actual					245.1	
71901I	Mercury	ug/l	Total	Actual					245.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
82550	Osmotic pressure	mmol/kg	Total	Actual					DEPOSPRESS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
013	WQN Ambient	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/l	Total	Actual					410.4	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					I3765	
00556H	Oil and Grease	mg/l	Total	Actual					1664	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00719A	Cyanide	mg/l	Total	Actual					DEPCYAN	
00720A	Cyanide	mg/l	Total	Actual					335.4	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Total	Actual					300(A)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
00951	Fluorides	mg/l	Total	Actual					300(A)	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01007H	Barium	ug/l	Total	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01040A	Copper	ug/l	Dissolved	Actual					200.7(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01075H	Silver	ug/l	Dissolved	Actual					200.8(W)	
01090A	Zinc	ug/l	Dissolved	Actual					200.7(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
01145H	Selenium	ug/l	Dissolved	Actual					200.8(W)	
31616	Fecal Coliform	#/100ml	Total	Actual					PAFECAL	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
38260	MBAS (detergents, surfactants)	mg/l	Total	Actual					DEPMBAS	
70507A	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
71900I	Mercury	ug/l	Total	Actual					245.1	
71900X	Mercury	ug/l	Total	Actual					245.1	
82550	Osmotic pressure	mmol/kg	Total	Actual					DEPOSRESS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
015	Ambient/Low Alkalinity	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
000929A	Sodium	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
004356	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					I3765	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00719A	Cyanide	mg/l	Total	Actual					DEPCYAN	
00720A	Cyanide	mg/l	Total	Actual					335.4	
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00915A	Calcium	ug/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00929A	Sodium	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00940	Chloride	mg/l	Total	Actual					300(A)	
00940A	Chloride	mg/l	Total	Actual					325.2	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
00951	Fluorides	mg/l	Total	Actual					300(A)	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01005H	Barium	ug/l	Dissolved	Actual					200.8(W)	
01007A	Barium	ug/l	Total	Actual					200.8(W)	
01007H	Barium	ug/l	Total	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01027A	Cadmium	ug/l	Total	Actual					200.7(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040A	Copper	ug/l	Dissolved	Actual					200.7(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01075H	Silver	ug/l	Dissolved	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual						
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
01145H	Selenium	ug/l	Dissolved	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
38260	MBAS (detergents, surfactants)	mg/l	Total	Actual					DEPMBAS	
70507A	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
82550	Osmotic pressure	mmol/kg	Total	Actual					DEPOSPRESS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
016	WQN Low Alkalinity	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00310	BOD, Biochemical oxygen	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	demand									
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					I3765	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00719A	Cyanide	mg/l	Total	Actual					DEPCYAN	
00720A	Cyanide	mg/l	Total	Actual					335.4	
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00915A	Calcium	ug/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
01027A	Cadmium	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
70507A	Phosphorus, orthophosphate as	mg/l	Total	Actual					365.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	P									
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	
82550	Osmotic pressure	mmol/kg	Total	Actual					DEPOSPRESS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
017	WQN Lakes	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					13765	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00935	Potassium	mg/l	Dissolved	Actual					200.7(W)	
00935A	Potassium	mg/l	Dissolved	Actual					200.7(W)	
00937A	Potassium	mg/l	Total	Actual					200.7(W)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
70353	Halides (unspecified mix)	ug/l	Total	Actual					450.1	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
71890X	Mercury	ug/l	Dissolved	Actual					245.1	
71900I	Mercury	ug/l	Total	Actual					245.1	
71900X	Mercury	ug/l	Total	Actual					245.1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
018	Special Prot Surveys	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					13765	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00719A	Cyanide	mg/l	Total	Actual					DEPCYAN	
00720A	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Total	Actual					300(A)	
00940A	Chloride	mg/l	Total	Actual					325.2	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01032	Chromium, hexavalent	ug/l	Total	Actual					3500-CR(D)	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
020	WQN Elan Metals	Sample	Water				N

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00665	Phosphorus	mg/l	Total	Actual					365.1	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00915A	Calcium	ug/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01032	Chromium, hexavalent	ug/l	Total	Actual					3500-CR(D)	
01032A	Chromium, hexavalent	ug/l	Total	Actual					218.6	
01040A	Copper	ug/l	Dissolved	Actual					200.7(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01075A	Silver	ug/l	Dissolved	Actual					200.7(W)	
01075H	Silver	ug/l	Dissolved	Actual					200.8(W)	
01077A	Silver	ug/l	Total	Actual					200.7(W)	
01077H	Silver	ug/l	Total	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
71890X	Mercury	ug/l	Dissolved	Actual					245.1	
71900I	Mercury	ug/l	Total	Actual					245.1	
71900X	Mercury	ug/l	Total	Actual					245.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
028	Nutrient Blank	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00602A	Nitrogen, organic	mg/l	Dissolved	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00666	Phosphorus	mg/l	Dissolved	Actual					365.1	
00666A	Phosphorus	mg/l	Dissolved	Actual					365.1	
00671A	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
70507A	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
031	Red Clay Creek Monitoring	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00308	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/l	Total	Actual					410.4	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					13765	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00545	Solids, Total	mg/l	Settleable	Actual					160.5	
00556H	Oil and Grease	mg/l	Total	Actual					1664	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00671A	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00681	Carbon, organic	mg/l	Dissolved	Actual					5310-D	
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00915	Calcium	mg/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Total	Actual					300(A)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00951	Fluorides	mg/l	Total	Actual					300(A)	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01007	Barium	ug/l	Total	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01032	Chromium, hexavalent	ug/l	Total	Actual					3500-CR(D)	
01032A	Chromium, hexavalent	ug/l	Total	Actual					218.6	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01075H	Silver	ug/l	Dissolved	Actual					200.8(W)	
01077	Silver	ug/l	Total	Actual					200.7(W)	
01077H	Silver	ug/l	Total	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
01145H	Selenium	ug/l	Dissolved	Actual					200.8(W)	
01147H	Selenium	ug/l	Total	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
38260	MBAS (detergents, surfactants)	mg/l	Total	Actual					DEPMBAS	
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
719001	Mercury	ug/l	Total	Actual					245.1	
82079	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
033	Brandywine Creek Monitoring	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00308	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/l	Total	Actual					410.4	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					I3765	
00545	Solids, Total	mg/l	Settleable	Actual					160.5	
00556H	Oil and Grease	mg/l	Total	Actual					1664	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00671A	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00681	Carbon, organic	mg/l	Dissolved	Actual					5310-D	
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00915	Calcium	mg/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Total	Actual					300(A)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00951	Fluorides	mg/l	Total	Actual					300(A)	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01007	Barium	ug/l	Total	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01032	Chromium, hexavalent	ug/l	Total	Actual					3500-CR(D)	
01032A	Chromium, hexavalent	ug/l	Total	Actual					218.6	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01075H	Silver	ug/l	Dissolved	Actual					200.8(W)	
01077	Silver	ug/l	Total	Actual					200.7(W)	
01077H	Silver	ug/l	Total	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
01145H	Selenium	ug/l	Dissolved	Actual					200.8(W)	
01147H	Selenium	ug/l	Total	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
38260	MBAS (detergents, surfactants)	mg/l	Total	Actual					DEPMBAS	
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
71900I	Mercury	ug/l	Total	Actual					245.1	
82079	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
034	White Clay Creek Monitoring	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00308	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	ug/l	Total	Actual					410.4	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					13765	
00545	Solids, Total	mg/l	Settleable	Actual					160.5	
00556H	Oil and Grease	mg/l	Total	Actual					1664	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00671A	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00681	Carbon, organic	mg/l	Dissolved	Actual					5310-D	
00720D	Cyanide	mg/l	Total	Actual					335.4	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00915	Calcium	mg/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Total	Actual					300(A)	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00951	Fluorides	mg/l	Total	Actual					300(A)	
01000H	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01007	Barium	ug/l	Total	Actual					200.8(W)	
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01032	Chromium, hexavalent	ug/l	Total	Actual					3500-CR(D)	
01032A	Chromium, hexavalent	ug/l	Total	Actual					218.6	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01034H	Chromium	ug/l	Total	Actual					200.8(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01075H	Silver	ug/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01077	Silver	ug/l	Total	Actual					200.7(W)	
01077H	Silver	ug/l	Total	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
01145H	Selenium	ug/l	Dissolved	Actual					200.8(W)	
01147H	Selenium	ug/l	Total	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	
38260	MBAS (detergents, surfactants)	mg/l	Total	Actual					DEPMBAS	
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	
71890I	Mercury	ug/l	Dissolved	Actual					245.1	
71900I	Mercury	ug/l	Total	Actual					245.1	
82079	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
037	TSI Prelim Assessments	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00600	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00665A	Phosphorus	mg/l	Total	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
038	Nutrients	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					13765	
00600	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00665A	Phosphorus	mg/l	Total	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
050	Industrial Waste (non-routine)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00915A	Calcium	ug/l	Dissolved	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.8(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01090A	Zinc	ug/l	Dissolved	Actual					200.7(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
71890I	Mercury	mg/l	Dissolved	Actual					245.1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
056	Blank	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00929A	Sodium	ug/l	Total	Actual					200.7(W)	
00937E	Potassium	ug/l	Total	Actual					EQL-05 92-086	
00940A	Chloride	mg/l	Total	Actual					325.2	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
00956A	Silica	ug/l	Total	Actual					200.7(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01007A	Barium	ug/l	Total	Actual					200.7(W)	
01027A	Cadmium	ug/l	Total	Actual					200.7(W)	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
31616	Fecal Coliform	#/100ml	Total	Actual					PAFECAL	
71900X	Mercury	ug/l	Total	Actual					245.1	
82079	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
059	Annual Fish Tissue	Sample	Other				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
709	Lipids (unspecified mix)	%		Actual					LIPIDS	
71930	Mercury	ug/g	Total	Actual					245.1	
71936	Lead	ug/g	Total	Actual					200.8(W)	
71937	Copper	ug/g	Total	Actual					200.8(W)	
71939	Chromium	ug/g	Total	Actual					200.7(W)	
71940	Cadmium	ug/g	Total	Actual					200.8(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
070	Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00436	Acidity as CaCO3	mg/l	Total	Actual					2310	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
01025A	Cadmium	ug/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01025H	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
01027A	Cadmium	ug/l	Total	Actual					200.7(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01030A	Chromium	ug/l	Dissolved	Actual					200.7(W)	
01034A	Chromium	ug/l	Total	Actual					200.7(W)	
01040A	Copper	ug/l	Dissolved	Actual					200.7(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.7(W)	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Dissolved	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056A	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01065A	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01065H	Nickel	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01090A	Zinc	ug/l	Dissolved	Actual					200.7(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual						
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01106A	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
32730A	Phenol	ug/l	Total	Actual					420.4	
32730D	Phenol	ug/l	Total	Actual					420.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
094	other	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00530	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					I3765	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00665A	Phosphorus	mg/l	Total	Actual					365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
100	Additional Lake Parameters	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00900	Hardness, carbonate	ug/l	Total	Actual					2340	
00915A	Calcium	ug/l	Dissolved	Actual					200.7(W)	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00925A	Magnesium	ug/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
01002H	Arsenic	ug/l	Total	Actual					200.8(W)	
01007H	Barium	ug/l	Total	Actual					200.8(W)	
01027H	Cadmium	ug/l	Total	Actual					200.8(W)	
01040H	Copper	ug/l	Dissolved	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.7(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049H	Lead	ug/l	Suspended	Actual					200.8(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01090H	Zinc	ug/l	Dissolved	Actual					200.8(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
32730D	Phenols (mixture)	ug/l	Total	Actual					420.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
684	SRBC	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00095	Specific conductance	umho/cm	Total	Actual					2510	
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00314	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00403	pH	None		Actual					4500-H	
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00500	Solids, Total	mg/l	Total	Actual					I3750	
00515	Solids, Dissolved	mg/l	Filterable	Actual					SM209C	
00530	Solids, Total Suspended (TSS)	mg/l	Total	Actual					I3765	
00600A	Nitrogen, organic	mg/l	Total	Actual					4500-NOR(B)	
00602A	Nitrogen, organic	mg/l	Dissolved	Actual					4500-NOR(B)	
00608A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					350.1	
00610A	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
00613A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual					353.2	
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	
00615A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
00618A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					353.2	
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					300(A)	
00620A	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
00665A	Phosphorus	mg/l	Total	Actual					365.1	
00666A	Phosphorus	mg/l	Dissolved	Actual					365.1	
00671A	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-D	
00900	Hardness, carbonate	mg/l	Total	Actual					2340	
00900A	Hardness, carbonate	mg/l	Total	Actual					2340	
00916A	Calcium	ug/l	Total	Actual					200.7(W)	
00927A	Magnesium	ug/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Total	Actual					300(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00940A	Chloride	mg/l	Dissolved	Actual					325.2	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
00945A	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
01042A	Copper	ug/l	Total	Actual					200.7(W)	
01042H	Copper	ug/l	Total	Actual					200.8(W)	
01045A	Iron	ug/l	Total	Actual					200.7(W)	
01046A	Iron	ug/l	Dissolved	Actual					200.7(W)	
01051H	Lead	ug/l	Total	Actual					200.8(W)	
01055A	Manganese	ug/l	Total	Actual					200.7(W)	
01055H	Manganese	ug/l	Total	Actual					200.8(W)	
01056H	Manganese	ug/l	Dissolved	Actual					200.8(W)	
01067A	Nickel	ug/l	Total	Actual					200.7(W)	
01067H	Nickel	ug/l	Total	Actual					200.8(W)	
01092A	Zinc	ug/l	Total	Actual					200.7(W)	
01092H	Zinc	ug/l	Total	Actual					200.8(W)	
01105A	Aluminum	ug/l	Total	Actual					200.7(W)	
01105H	Aluminum	ug/l	Total	Actual					200.8(W)	
01106H	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
70507A	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
70508	Acidity as CaCO3	mg/l	Total	Actual					2310	
82079	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B002	Fecal Coliform	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31616	Fecal Coliform	#/100ml	Total	Actual					PAFECAL	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B004	Coliform Filter	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31616	Fecal Coliform	#/100ml	Total	Actual					PAFECAL	
31673	Streptococcus	#/100ml	Total	Actual					FSTREP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B005	FecalColiform	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31616	Fecal Coliform	#/100ml	Total	Actual					PAFECAL	
31673	Streptococcus	#/100ml	Total	Actual					FSTREP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B015	ENTMF	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENTMF	Enterococcus Group Bacteria	#/100ml	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B019	Chlorophyll A	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32230	Chlorophyll a (probe)	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLD	Field Activities	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00065	Stream stage height	ft		Actual						
F00010	Temperature, water	deg C		Actual						
F00061	Flow	cfs		Actual					FLOW	
F00065	Stream stage height	ft		Actual						
F00065B	Stream stage height	ft		Actual						
F00078	Depth, Secchi Disk Depth	ft		Actual						
F00094	Specific conductance	umho/cm	Total	Actual						
F00300	Dissolved oxygen (DO)	mg/l	Total	Actual						
F00405	pH	None	Total	Actual					I1586	
F50060	Chlorine	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PCB	Fish Tissue PCB	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
595	Pcb-aroclor 1221	mg/kg	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
596	Pcb-aroclor 1232	mg/kg	Total	Actual					608	
597	Pcb-aroclor 1242	mg/kg	Total	Actual					608	
598	Pcb-aroclor 1248	mg/kg	Total	Actual					608	
599	Pcb-aroclor 1254	mg/kg	Total	Actual					608	
600	Pcb-aroclor 1260	mg/kg	Total	Actual					608	
709	Lipids (unspecified mix)	%	Total	Actual					LIPIDS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PESTF	Fish Tissue Pesticides	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
111	Methoxychlor	pCi/L	Total	Actual						
298	Heptachlor	pCi/L	Total	Actual					8081(W)	
543	Aldrin	pCi/L	Total	Actual					8081(W)	
546	Chlordane, cis	pCi/L	Total	Actual					8081(W)	
547	Chlordane, gamma	pCi/L	Total	Actual					8081(W)	
549	Endrin	pCi/L	Total	Actual					8081(W)	
551	Heptachlor epoxide	pCi/L	Total	Actual					8081(W)	
554	BHC-alpha	pCi/L	Total	Actual					8081(W)	
555	Nonachlor, trans-	pCi/L	Total	Actual					8081(W)	
561	BHC-alpha	pCi/L	Total	Actual					8081(W)	
564	BHC-gamma (Lindane)	pCi/L	Total	Actual					8081(W)	
571	DDD ***retired*** (use DDD, p,p')	pCi/L	Total	Actual					8081(W)	
572	DDE ***retired*** (use DDE, p,p'-)	pCi/L	Total	Actual					8081(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
573	DDT ***retired*** (use DDT, p,p'-)	pCi/L	Total	Actual					8081(W)	
574	Dieldrin	pCi/L	Total	Actual					8081(W)	
587	Chlordene	pCi/L	Total	Actual					8081(W)	
588	DDD, o,p'-	pCi/L	Total	Actual					8081(W)	
589	DDE, o,p'-	pCi/L	Total	Actual					8081(W)	
590	DDT,o,p'-	pCi/L	Total	Actual					8081(W)	
591	Kepone	pCi/L	Total	Actual					8081(W)	
592	Mirex	pCi/L	Total	Actual					8081(W)	
593	Nonachlor, cis-	pCi/L	Total	Actual					8081(W)	
594	Oxychlordane	pCi/L	Total	Actual					8081(W)	
65	DDE ***retired*** (use DDE, p,p'-)	pCi/L	Total	Actual					8081(W)	
677	Chlordene, alpha	pCi/L	Total	Actual					8081(W)	
678	Chlordene, gamma	pCi/L	Total	Actual						
709	Lipids (unspecified mix)	%	Total	Actual					LIPIDS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAD97	Alpha, Beta, H3	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
GALPHA	BHC-alpha	pCi/L	Total	Actual					00-01	
GBETA	BHC-beta	pCi/L	Total	Actual					00-01	
H3	Tritium	pCi/L	Total	Actual					0010(W)	

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21PA

Pennsylvania Department of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOA-1	Volatile Organic Compounds	Sample	Water				N

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21RIBCH

Rhode Island Department of Health

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SAMPLE	Beach Sampling	Sample	Water				N

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31615	Fecals - MPN (EC Medium)	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition
Description Method 9221-E-1.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31615	Fecal Coliform	#/100ml	Total	Actual	MPN				9221-E	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31616	Fecals - Membrane Filter	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition
Description Method 9222-D.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31616	Fecal Coliform	#/100ml	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31621	Fecals - A-1 Medium MPN	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition
Description Method 9221-E-2.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31621	Fecal Coliform	#/100ml	Total	Estimated	MPN				9221-E	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
50589	Enterococcus by Enterolert	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
50589	Enterococcus Group Bacteria	#/100ml	Total	Actual	MPN					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BNA-S	Base-Neutral/Acid Ext in Sed.	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34203	Acenaphthylene	ug/kg	Total	Actual					625-S	
34208	Acenaphthene	ug/kg	Total	Actual					625-S	
34223	Anthracene	ug/kg	Total	Actual					625-S	
34233	Benzo[b]fluoranthene	ug/kg	Total	Actual					625-S	
34245	Benzo[k]fluoranthene	ug/kg	Total	Actual					625-S	
34250	Benzo[a]pyrene	ug/kg	Total	Actual					625-S	
34276	bis(2-chloroethyl) ether	ug/kg	Total	Actual					625-S	
34281	bis(2-chloroethoxy) methane	ug/kg	Total	Actual					625-S	
34286	Dichlorodiisopropyl ether, 2,2'-	ug/kg	Total	Actual					625-S	
34323	Chrysenes C1-C4	ug/kg	Total	Actual					625-S	
34339	Diethyl phthalate	ug/kg	Total	Actual					625-S	
34344	Dimethyl phthalate	ug/kg	Total	Actual					625-S	
34379	Fluoranthenes, C1-C4	ug/kg	Total	Actual					625-S	
34384	Fluorenes, C1-C3	ug/kg	Total	Actual					625-S	
34389	Hexachlorocyclopentadiene	ug/kg	Total	Actual					625-S	
34399	Hexachloroethane	ug/kg	Total	Actual					625-S	
34406	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual					625-S	
34411	Isophorone	ug/kg	Total	Actual					625-S	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34431	n-Nitrosodipropylamine	ug/kg	Total	Actual					625-S	
34436	n-Nitrosodiphenylamine	ug/kg	Total	Actual					625-S	
34441	Nitrosodimethylamine, n-	ug/kg	Total	Actual					625-S	
34445	Naphthalene	ug/kg	Total	Actual					625-S	
34450	nitro-Benzene	ug/kg	Total	Actual					625-S	
34455	4-Chloro-3-methylphenol	ug/kg	Total	Actual					625-S	
34464	Phenanthrenes, C1-C4	ug/kg	Total	Actual					625-S	
34472	Pyrene	ug/kg	Total	Actual					625-S	
34524	Benzo[g,h,i]perylene	ug/kg	Total	Actual					625-S	
34529	Benzo[a]anthracene	ug/kg	Total	Actual					625-S	
34539	1,2-Dichlorobenzene	ug/kg	Total	Actual					625-S	
34554	1,2,4-Trichlorobenzene	ug/kg	Total	Actual					625-S	
34559	Dibenzo[a,h]anthracene	ug/kg	Total	Actual					625-S	
34569	1,3-Dichlorobenzene	ug/kg	Total	Actual					625-S	
34574	1,4-Dichlorobenzene	ug/kg	Total	Actual					625-S	
34584	Chloronaphthalene-2	ug/kg	Total	Actual					625-S	
34589	Chlorophenol-2	ug/kg	Total	Actual					625-S	
34594	Nitrophenol, 2-	ug/kg	Total	Actual					625-S	
34599	bis(n-octyl) Phthalate	ug/kg	Total	Actual					625-S	
34604	2,4-Dichlorophenol	ug/kg	Total	Actual					625-S	
34609	2,4-Dimethylphenol	ug/kg	Total	Actual					625-S	
34614	2,4-Dinitrotoluene	ug/kg	Total	Actual					625-S	
34624	2,4,6-Trichlorophenol (TCP)	ug/kg	Total	Actual					625-S	
34629	2,6-Dinitrotoluene	ug/kg	Total	Actual					625-S	
34634	Dichlorobenzidine, 3,3'-	ug/kg	Total	Actual					625-S	
34639	Bromophenyl-4 phenyl ether	ug/kg	Total	Actual					625-S	
34644	Chlorophenyl-4 phenyl ether	ug/kg	Total	Actual					625-S	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34649	p-Nitrophenol	ug/kg	Total	Actual					625-S	
34660	Dinitro-o-cresol	ug/kg	Total	Actual					625-S	
34695	Phenol	ug/kg	Total	Actual					625-S	
39102	bis(2-ethylhexyl) phthalate (DEHP)	ug/kg	Total	Actual					625-S	
39112	Dibutyl phthalate	ug/kg	Total	Actual					625-S	
39701	Hexachlorobenzene	ug/kg	Total	Actual					625-S	
39705	Hexachlorobutadiene	ug/kg	Total	Actual					625-S	
49443	Azobenzene	ug/kg	Total	Actual					625-S	
75212	Benzyl alcohol	ug/kg	Total	Actual					625-S	
75315	Benzoic acid	ug/kg	Total	Actual					625-S	
75647	Dibenzofuran	ug/kg	Total	Actual					625-S	
78299	Nitroaniline, 2-	ug/kg	Total	Actual					625-S	
78401	Trichlorophenol, 2,4,5-	ug/kg	Total	Actual					625-S	
78800	Butyl benzyl phthalate	ug/kg	Total	Actual					625-S	
78803	Cresol, p-	ug/kg	Total	Actual					625-S	
78866	Aniline	ug/kg	Total	Actual					625-S	
78867	Chloroaniline, 4-	ug/kg	Total	Actual					625-S	
78868	Methylnaphthalene, 2-	ug/kg	Total	Actual					625-S	
78869	m-Nitroaniline	ug/kg	Total	Actual					625-S	
78870	p-Nitroaniline	ug/kg	Total	Actual					625-S	
78872	Cresol, o-	ug/kg	Total	Actual					625-S	
78873	Pentachlorophenol (PCP)	ug/kg	Total	Actual					625-S	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BNA-W	Base-Neutral/Acid Ext in Water	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34200	Acenaphthylene	ug/l	Total	Actual						
34205	Acenaphthene	ug/l	Total	Actual						
34220	Anthracene	ug/l	Total	Actual						
34230	Benzo[b]fluoranthene	ug/l	Total	Actual						
34242	Benzo[k]fluoranthene	ug/l	Total	Actual						
34247	Benzo[a]pyrene	ug/l	Total	Actual						
34273	bis(2-chloroethyl) ether	ug/l	Total	Actual						
34278	bis(2-chloroethoxy) methane	ug/l	Total	Actual						
34283	Dichlorodiisopropyl ether, 2,2'-	ug/l	Total	Actual						
34292	Butyl benzyl phthalate	ug/l	Total	Actual						
34320	Chrysenes C1-C4	ug/l	Total	Actual						
34336	Diethyl phthalate	ug/l	Total	Actual						
34341	Dimethyl phthalate	ug/l	Total	Actual						
34376	Fluoranthenes, C1-C4	ug/l	Total	Actual						
34381	Fluorenes, C1-C3	ug/l	Total	Actual						
34386	Hexachlorocyclopentadiene	ug/l	Total	Actual						
34391	Hexachlorobutadiene	ug/l	Total	Actual						
34396	Hexachloroethane	ug/l	Total	Actual						
34403	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					624	
34408	Isophorone	ug/l	Total	Actual						
34428	n-Nitrosodipropylamine	ug/l	Total	Actual						
34433	n-Nitrosodiphenylamine	ug/l	Total	Actual						
34438	Nitrosodimethylamine, n-	ug/l	Total	Actual						
34447	nitro-Benzene	ug/l	Total	Actual						
34452	4-Chloro-3-methylphenol	ug/l	Total	Actual						
34461	Phenanthrenes, C1-C4	ug/l	Total	Actual						
34469	Pyrene	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34521	Benzo[g,h,i]perylene	ug/l	Total	Actual						
34526	Benzo[a]anthracene	ug/l	Total	Actual						
34536	1,2-Dichlorobenzene	ug/l	Total	Actual						
34551	1,2,4-Trichlorobenzene	ug/l	Total	Actual						
34556	Dibenzo[a,h]anthracene	ug/l	Total	Actual						
34566	1,3-Dichlorobenzene	ug/l	Total	Actual						
34571	1,4-Dichlorobenzene	ug/l	Total	Actual						
34581	Chloronaphthalene-2	ug/l	Total	Actual						
34586	Chlorophenol-2	ug/l	Total	Actual						
34591	Nitrophenol, 2-	ug/l	Total	Actual						
34596	bis(n-octyl) Phthalate	ug/l	Total	Actual						
34601	2,4-Dichlorophenol	ug/l	Total	Actual						
34606	2,4-Dimethylphenol	ug/l	Total	Actual						
34611	2,4-Dinitrotoluene	ug/l	Total	Actual						
34621	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual						
34626	2,6-Dinitrotoluene	ug/l	Total	Actual						
34631	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual						
34636	Bromophenyl-4 phenyl ether	ug/l	Total	Actual						
34641	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual						
34646	p-Nitrophenol	ug/l	Total	Actual						
34657	Dinitro-o-cresol	ug/l	Total	Actual						
34694	Phenol	ug/l	Total	Actual						
34696	Naphthalene	ug/l	Total	Actual						
39032	Pentachlorophenol (PCP)	ug/l	Total	Actual						
39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual						
39110	Dibutyl phthalate	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39700	Hexachlorobenzene	ug/l	Total	Actual						
73529	Chloroaniline, 4-	ug/l	Total	Actual						
73605	p-Nitroaniline	ug/l	Total	Actual						
77089	Aniline	ug/l	Total	Actual						
77146	Cresol, p-	ug/l	Total	Actual						
77147	Benzyl alcohol	ug/l	Total	Actual						
77152	Cresol, o-	ug/l	Total	Actual						
77247	Benzoic acid	ug/l	Total	Actual						
77416	Methylnaphthalene, 2-	ug/l	Total	Actual						
77625	Azobenzene	ug/l	Total	Actual						
77687	Trichlorophenol, 2,4,5-	ug/l	Total	Actual						
78142	Nitroaniline, 2-	ug/l	Total	Actual						
78300	m-Nitroaniline	ug/l	Total	Actual						
81302	Dibenzofuran	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHL-A	Chlorophyll a Welschmeyer	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32209	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual	Mean				445	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DISTLAB	District lab generated results	Sample	Water				N

Citations South Carolina DHEC Environmental Control Office - Bureau of Water, 1997, Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Environmental Quality Control, South Carolina Department of Health

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU		Actual					2120-B	
00080	Color, True	PCU		Actual						
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
00530	Solids, Fixed	mg/l	Suspended	Actual					2540-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	Field	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 38.00000 deg C								
00020	Temperature, air	deg C		Actual						
	Acceptable Range	0.00000 - 40.00000 deg C								
00041	Weather Condition (WMO Code 4501) (Choice List)									
00300	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
00400	pH	None		Actual					FIELD PARMS	
	Acceptable Range	2.00000 - 12.00000 None								
00402	Specific conductance	umho/cm		Actual						
00480	Salinity	ppt	Total	Actual						
82048	Depth	m		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HERB-S	Herbicides in Sediment	Sample	Sediment				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39731	2,4-D, Dichlorophenoxyacetic acid	ug/kg	Total	Actual						
39741	2,4,5-T, Trichlorophenoxyacetic acid	ug/kg	Total	Actual						
39761	Silvex	ug/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HERB-W	Herbicides in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39730	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual						
39740	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual						
39760	Silvex	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MERC-F	Mercury in Fish	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
71930	Mercury	mg/kg	Total	Actual					3112-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-F	Metals in Fish	Sample	Biological	Tissue			N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01069	Nickel	mg/kg	Total	Actual					3120	
71936	Lead	mg/kg	Total	Actual					3120	
71937	Copper	mg/kg	Total	Actual					3120	
71938	Zinc	mg/kg	Total	Actual						
71939	Chromium	mg/kg	Total	Actual					3120	
71940	Cadmium	mg/kg	Total	Actual					3120	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-S	Metals in Sed	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01028	Cadmium	mg/kg	Total	Actual					3120	
01029	Chromium	mg/kg	Total	Actual					3120	
01043	Copper	mg/kg	Total	Actual					3120	
01052	Lead	mg/kg	Total	Actual					3120	
01068	Nickel	mg/kg	Total	Actual					3120	
01093	Zinc	mg/kg	Total	Actual						
71921	Mercury	mg/kg	Total	Actual					3112-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-W	Metals in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00900	Hardness, Ca + Mg	mg/l	Total	Actual					2340	
01027	Cadmium	ug/l	Total	Actual					3120	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01034	Chromium	ug/l	Total	Actual					3120	
01042	Copper	ug/l	Total	Actual					3120	
01045	Iron	ug/l	Total	Actual					3120	
01051	Lead	ug/l	Total	Actual					3120	
01055	Manganese	ug/l	Total	Actual					3120	
01067	Nickel	ug/l	Total	Actual					3120	
01092	Zinc	ug/l	Total	Actual					3120	
71900	Mercury	ug/l	Total	Actual					245.1_M	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NUTS-S	Nutrients in Sed	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00627	Nitrogen, Kjeldahl	mg/kg	Total	Actual						
00668	Phosphorus as P	mg/kg	Total	Actual						
70320	Moisture content	% by wt	Total	Actual					C-011-1	D3976
70322	Solids, Total Suspended (TSS)	mg/g	Volatile	Actual					160.2	D3976

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NUTS-W	Nutrients in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.2(B)	
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
00665	Phosphorus as P	mg/l	Total	Actual						
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P&PCB-S	Pesticide/PCBs in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34257	BHC-beta	ug/kg	Total	Actual					608	
34262	BHC-delta	ug/kg	Total	Actual					608	
34354	Endosulfan Sulfate	ug/kg	Total	Actual					608	
34359	Endosulfan, beta-	ug/kg	Total	Actual					608	
34364	Endosulfan, alpha-	ug/kg	Total	Actual					608	
34369	Endrin Aldehyde	ug/kg	Total	Actual					608	
39076	BHC-alpha	ug/kg	Total	Actual					608	
39301	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					608	
39311	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					608	
39321	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					608	
39333	Aldrin	ug/kg	Total	Actual					608	
39351	Chlordane	ug/kg	Total	Actual					608	
39383	Dieldrin	ug/kg	Total	Actual					608	
39393	Hexachlorobutadiene	ug/kg	Total	Actual					608	
39403	Toxaphene	ug/kg	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39413	Heptachlor	ug/kg	Total	Actual					608	
39423	Heptachlor epoxide	ug/kg	Total	Actual					608	
39491	Pcb-aroclor 1221	ug/kg	Total	Actual					608	
39495	Pcb-aroclor 1232	ug/kg	Total	Actual					608	
39499	Pcb-aroclor 1242	ug/kg	Total	Actual					608	
39503	Pcb-aroclor 1248	ug/kg	Total	Actual					608	
39507	Pcb-aroclor 1254	ug/kg	Total	Actual					608	
39511	Pcb-aroclor 1260	ug/kg	Total	Actual					608	
39514	Pcb-aroclor 1016	ug/kg	Total	Actual					608	
39783	BHC-gamma (Lindane)	ug/kg	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P&PCB-W	Pesticide/PCBs in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34259	BHC-delta	ug/l	Total	Actual					608	
34351	Endosulfan Sulfate	ug/l	Total	Actual					608	
34356	Endosulfan, beta-	ug/l	Total	Actual					608	
34361	Endosulfan, alpha-	ug/l	Total	Actual					608	
34366	Endrin Aldehyde	ug/l	Total	Actual					608	
34671	Pcb-aroclor 1016	ug/l	Total	Actual					608	
39300	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					608	
39310	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					608	
39320	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39330	Aldrin	ug/l	Total	Actual					608	
39337	BHC-alpha	ug/l	Total	Actual					608	
39338	BHC-beta	ug/l	Total	Actual					608	
39350	Chlordane	ug/l	Total	Actual					608	
39380	Dieldrin	ug/l	Total	Actual					608	
39390	Endrin	ug/l	Total	Actual					608	
39400	Toxaphene	ug/l	Total	Actual					608	
39410	Heptachlor	ug/l	Total	Actual					608	
39420	Heptachlor epoxide	ug/l	Total	Actual					608	
39488	Pcb-aroclor 1221	ug/l	Total	Actual					608	
39492	Pcb-aroclor 1232	ug/l	Total	Actual					608	
39496	Pcb-aroclor 1242	ug/l	Total	Actual					608	
39500	Pcb-aroclor 1248	ug/l	Total	Actual					608	
39504	Pcb-aroclor 1254	ug/l	Total	Actual					608	
39508	Pcb-aroclor 1260	ug/l	Total	Actual					608	
39782	BHC-gamma (Lindane)	ug/l	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P&PCBS-F	Pest/PCBs in Fish	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34355	Endosulfan Sulfate	ug/kg	Total	Actual						
34360	Endosulfan, beta-	ug/kg	Total	Actual						
34365	Endosulfan, alpha-	ug/kg	Total	Actual						
34370	Endrin Aldehyde	ug/kg	Total	Actual						
34664	Pcb-aroclor 1221	ug/kg	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34667	Pcb-aroclor 1232	ug/kg	Total	Actual						
34669	Pcb-aroclor 1248	ug/kg	Total	Actual						
34670	Pcb-aroclor 1260	ug/kg	Total	Actual						
34674	Pcb-aroclor 1016	ug/kg	Total	Actual						
34689	Pcb-aroclor 1242	ug/kg	Total	Actual						
34690	Pcb-aroclor 1254	ug/kg	Total	Actual						
39074	BHC-alpha	ug/kg	Total	Actual						
39302	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual						
39312	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual						
39322	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual						
39334	Aldrin	ug/kg	Total	Actual						
39349	Chlordane	ug/kg	Total	Actual						
39387	Dieldrin	ug/kg	Total	Actual						
39397	Endrin	ug/kg	Total	Actual						
39407	Toxaphene	ug/kg	Total	Actual						
39414	Heptachlor	ug/kg	Total	Actual						
39424	Heptachlor epoxide	ug/kg	Total	Actual						
39784	BHC-gamma (Lindane)	ug/kg	Total	Actual						
81820	BHC-beta	ug/kg	Total	Actual						
81821	BHC-delta	ug/kg	Total	Actual						

Group ID PROFILE	Group Name Profile Data Entry	Field Activity Field Msr/Obs	Medium Water	Intent	Community	Result Group	Habitat N
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Citations South Carolina DHEC Environmental Control Office - Bureau of Water, 1997, Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Environmental Quality Control, South Carolina Department of Health

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Description and Environmental Control, Entire Document
Lake and estuarine profile data series

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00067	Tide stage (choice list)									
00078	Depth, Secchi Disk Depth	m		Actual						
00300	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
00400	pH	None	Total	Actual						
00402	Specific conductance	umho/cm		Actual						
00480	Salinity	ppt	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SFW00041	Weather	Field Msr/Obs	Air				N
Citations		United State Food and Drug Administration, 1999, National Shellfish Sanitation Program - Model Ordinance, USFDA National Shellfish Sanitation Program, IV. Growing Areas					
Description		Weather condition at the time a samples is taken. (i.e. 00=Clear, 01=Fair, 02=Cloudy, 22=Rainy)					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00036	Wind velocity			Actual						
00041	Weather Condition (WMO Code 4501) (Choice List)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SHFFIELD	Shellfish field	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00020	Temperature, air	deg C		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00041	Weather Condition (WMO Code 4501) (Choice List)									
00067	Tide stage (choice list)									
00480	Salinity	ppt	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOA-S	Vol Org in Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34237	Benzene	ug/kg	Total	Actual						
34290	Bromoform	ug/kg	Total	Actual						
34299	Carbon tetrachloride	ug/kg	Total	Actual						
34304	Chlorobenzene	ug/kg	Total	Actual						
34314	Chloroethane	ug/kg	Total	Actual						
34318	Chloroform	ug/kg	Total	Actual						
34330	Dichlorobromomethane	ug/kg	Total	Actual						
34374	Ethylbenzene	ug/kg	Total	Actual						
34416	Methyl bromide	ug/kg	Total	Actual						
34426	Dichloromethane	ug/kg	Total	Actual					624	
34478	Tetrachloroethylene	ug/kg	Total	Actual						
34483	Toluene	ug/kg	Total	Actual						
34487	Trichloroethylene	ug/kg	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34491	Trichlorofluoromethane	ug/kg	Total	Actual						
34495	Vinyl chloride	ug/kg	Total	Actual					624	
34499	Dichloroethane, 1,1-	ug/kg	Total	Actual					624	
34504	1,1-Dichloroethylene	ug/kg	Total	Actual					624	
34509	Trichloroethane, 1,1,1-	ug/kg	Total	Actual					624	
34514	Trichloroethane, 1,1,2-	ug/kg	Total	Actual					624	
34519	Tetrachloroethane, 1,1,2,2-	ug/kg	Total	Actual						
34534	Dichloroethane, 1,2-	ug/kg	Total	Actual					624	
34539	1,2-Dichlorobenzene	ug/kg	Total	Actual						
34544	Dichloropropane, 1,2-	ug/kg	Total	Actual					624	
34549	trans-1,2-Dichloroethylene	ug/kg	Total	Actual					624	
34569	1,3-Dichlorobenzene	ug/kg	Total	Actual						
34574	1,4-Dichlorobenzene	ug/kg	Total	Actual					624-S	
34579	2-Chloroethyl vinyl ether	ug/kg	Total	Actual					624	
34697	trans-1,3-Dichloropropene	ug/kg	Total	Actual					624	
34702	cis-1,3-Dichloropropene	ug/kg	Total	Actual						
73304	Methyl chloride	ug/kg	Total	Actual						
78195	Chlorodibromomethane	ug/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOA-W	Vol Org in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32101	Dichlorobromomethane	ug/l	Total	Actual						
32102	Carbon tetrachloride	ug/l	Total	Actual					624	
32104	Bromoform	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32105	Chlorodibromomethane	ug/l	Total	Actual						
32106	Chloroform	ug/l	Total	Actual						
34010	Toluene	ug/l	Total	Actual						
34030	Benzene	ug/l	Total	Actual						
34311	Chloroethane	ug/l	Total	Actual						
34371	Ethylbenzene	ug/l	Total	Actual						
34413	Methyl bromide	ug/m2	Total	Actual						
34418	Methyl chloride	ug/l	Total	Actual						
34423	Dichloromethane	ug/l	Total	Actual						
34475	Tetrachloroethylene	ug/l	Total	Actual						
34488	Trichlorofluoromethane	ug/l	Total	Actual						
34496	Dichloroethane, 1,1-	ug/l	Total	Actual						
34501	1,1-Dichloroethylene	ug/l	Total	Actual						
34506	Trichloroethane, 1,1,1-	ug/l	Total	Actual						
34511	Trichloroethane, 1,1,2-	ug/l	Total	Actual						
34516	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					624	
34531	Dichloroethane, 1,2-	ug/l	Total	Actual						
34536	1,2-Dichlorobenzene	ug/l	Total	Actual						
34541	Dichloropropane, 1,2-	ug/l	Total	Actual						
34546	trans-1,2-Dichloroethylene	ug/l	Total	Actual						
34566	1,3-Dichlorobenzene	ug/l	Total	Actual						
34571	1,4-Dichlorobenzene	ug/l	Total	Actual						
34576	2-Chloroethyl vinyl ether	ug/l	Total	Actual						
34699	trans-1,3-Dichloropropene	ug/l	Total	Actual						
34704	cis-1,3-Dichloropropene	ug/l	Total	Actual						
39175	Vinyl chloride	ug/l	Total	Actual						
39180	Trichloroethylene	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
43301	Chlorobenzene	ug/l	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
BCH DATA	BEACH MONITORING DATA	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00036	Wind direction (direction from, expressed 0-360 deg)	Normal		Calculated						
	Acceptable Range	0.00000 - 360.00000	Normal							
00041	Weather Condition (WMO Code 4501) (Choice List)									
00045	Precipitation	in		Actual			24 Hours			
00067	Tide stage (choice list)									
00480	Salinity	ppt	Total	Actual						200.2
50589	Enterococcus Group Bacteria	#/100ml	Total	Actual	MPN					200.2
	Acceptable Range	10.00000 - 24,192.00000	#/100ml							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
BNA-S	BNA in sediments	Sample	Sediment						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34233	Benzo[b]fluoranthene	ug/kg	Total	Actual					625	
34245	Benzo[k]fluoranthene	ug/kg	Total	Actual					625	
34250	Benzo[a]pyrene	ug/kg	Total	Actual						
34276	bis(2-chloroethyl) ether	ug/kg	Total	Actual						
34278	bis(2-chloroethoxy) methane	ug/kg	Total	Actual					625	
34323	Chrysenes C1-C4	ug/kg	Total	Actual					625	
34431	n-Nitrosodipropylamine	ug/kg	Total	Actual					625	
34436	n-Nitrosodiphenylamine	ug/kg	Total	Actual						
34441	Nitrosodimethylamine, n-	ug/kg	Total	Actual					625	
34589	Chlorophenol-2	ug/kg	Total	Actual						
34594	Nitrophenol, 2-	ug/kg	Total	Actual					625	
34695	Phenol	ug/kg	Total	Actual					625	
78866	Aniline	ug/kg	Total	Actual						
	Cresol, o-									
	p-Nitroaniline									
	m-Nitroaniline									
	Methylnaphthalene, 2-									
	Chloroaniline, 4-									
	Cresol, p-									
	Butyl benzyl phthalate									
	Trichlorophenol, 2,4,5-									
	Nitroaniline, 2-									
	Azobenzene									
	Dibenzofuran									
	Benzoic acid									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Benzyl alcohol									
	Hexachlorobutadiene									
	Hexachlorobenzene									
	Dibutyl phthalate									
	bis(2-ethylhexyl) phthalate (DEHP)									
	Dichlorobenzidine, 3,3'-									
	2,6-Dinitrotoluene									
	2,4,6-Trichlorophenol (TCPh)									
	2,4-Dinitrotoluene									
	2,4-Dimethylphenol									
	2,4-Dichlorophenol									
	bis(n-octyl) Phthalate									
	Chloronaphthalene-2									
	1,4-Dichlorobenzene									
	1,3-Dichlorobenzene									
	Dibenzo[a,h]anthracene									
	1,2,4-Trichlorobenzene									
	1,2-Dichlorobenzene									
	Benzo[a]anthracene									
	Benzo[g,h,i]perylene									
	Pyrene									
	Phenanthrenes, C1-C4									
	4-Chloro-3-methylphenol									
	nitro-Benzene									
	Naphthalene									
	Isophorone									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Indeno[1,2,3-cd]pyrene									
	Dinitro-o-cresol									
	p-Nitrophenol									
	Chlorophenyl-4 phenyl ether									
	Bromophenyl-4 phenyl ether									
	Pentachlorophenol (PCP)									
	Anthracene									
	Acenaphthene									
	Acenaphthylene									
	Hexachloroethane									
	Hexachlorocyclopentadiene									
	Fluorenes, C1-C3									
	Fluoranthenes, C1-C4									
	Dimethyl phthalate									
	Diethyl phthalate									
	Dichlorodiisopropyl ether, 2,2'-									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BNA-W	BNA in water	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DISTLAB	District Lab Results	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU		Actual						
00310	BOD, Biochemical oxygen	mg/l	Total	Actual					5210-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	demand									
00530	Solids, Fixed	mg/l	Suspended	Actual					160.2	
31616	Fecal Coliform	#/100ml	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD-W	Field Samples	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00020	Temperature, air	deg C		Actual						
	Acceptable Range	0.00000 - 40.00000 deg C								
00041	Weather Condition (WMO Code 4501) (Choice List)									
00300	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
00400	pH	None		Actual						
	Acceptable Range	2.00000 - 12.00000 None								
00402	Specific conductance	umho/cm		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HERB-S	Herbicides in sediments	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39731	2,4-D, Dichlorophenoxyacetic acid	ug/kg	Total	Actual					6640-B	
39741	2,4,5-T, Trichlorophenoxyacetic acid	ug/kg	Total	Actual					6640-B	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39761	Silvex	ug/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HERB-W	Herbicides in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39730	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					6640-B	
39740	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					6640-B	
39760	Silvex	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-S	Metals in sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01028	Cadmium	mg/kg	Total	Actual					200.7_M	
01029	Chromium	mg/kg	Total	Actual					200.7_M	
01043	Copper	mg/kg	Total	Actual					200.7_M	
01052	Lead	mg/kg	Total	Actual					200.7_M	
01068	Nickel	mg/kg	Total	Actual					200.7_M	
01093	Zinc	mg/kg	Total	Actual					200.7_M	
71921	Mercury	mg/kg	Total	Actual					245.1_M	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
METALS-W	Metals in water	Sample	Water						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00900	Hardness, Ca + Mg	ug/l	Total	Actual						
01027	Cadmium	ug/l	Total	Actual						
01034	Chromium	ug/l	Total	Actual						
01042	Copper	ug/l	Total	Actual						
01045	Iron	ug/l	Total	Actual						
01051	Lead	ug/l	Total	Actual						
01055	Manganese	ug/l	Total	Actual						
01067	Nickel	ug/l	Total	Actual						
01092	Zinc	ug/l	Total	Actual						
71900	Mercury	ug/l	Total	Actual					245.1_M	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
NUTS-S	Nutrients in sediment	Sample	Sediment						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00627	Nitrogen, Kjeldahl	mg/kg	Total	Actual						
00668	Phosphorus as P	mg/kg	Total	Actual						
70320	Moisture content	% by wt	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat
NUTS-W	Nutrients in water	Sample	Water						N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual						
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
00665	Phosphorus as P	mg/l	Total	Actual						
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P&PCB-S	Pesticides & PCBs in sediments	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34257	BHC-beta	ug/kg	Total	Actual						
34262	BHC-delta	ug/kg	Total	Actual						
34354	Endosulfan Sulfate	ug/kg	Total	Actual						
34359	Endosulfan, beta-	ug/kg	Total	Actual						
34364	Endosulfan, alpha-	ug/kg	Total	Actual						
34369	Endrin Aldehyde	ug/kg	Total	Actual						
39076	BHC-alpha	ug/kg	Total	Actual					608	
39301	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual						
39311	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual						
39321	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual						
39333	Aldrin	ug/kg	Total	Actual						
39351	Chlordane	ug/kg	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39383	Dieldrin	ug/kg	Total	Actual						
39393	Endrin	ug/kg	Total	Actual						
39403	Toxaphene	ug/kg	Total	Actual						
39413	Heptachlor	ug/kg	Total	Actual						
39423	Heptachlor epoxide	ug/kg	Total	Actual						
39491	Pcb-aroclor 1221	ug/kg	Total	Actual					608	
39495	Pcb-aroclor 1232	ug/kg	Total	Actual					608	
39499	Pcb-aroclor 1242	ug/kg	Total	Actual					608	
39503	Pcb-aroclor 1248	ug/kg	Total	Actual					608	
39507	Pcb-aroclor 1254	ug/kg	Total	Actual					608	
39511	Pcb-aroclor 1260	ug/kg	Total	Actual					608	
39514	Pcb-aroclor 1016	ug/kg	Total	Actual					608	
39783	BHC-gamma (Lindane)	ug/kg	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
P&PCB-W	Pesticides & PCBs in water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34259	BHC-delta	ug/l	Total	Actual						
34351	Endosulfan Sulfate	ug/l	Total	Actual						
34356	Endosulfan, beta-	ug/l	Total	Actual						
34361	Endosulfan, alpha-	ug/l	Total	Actual						
34366	Endrin Aldehyde	ug/l	Total	Actual						
34671	Pcb-aroclor 1016	ug/l	Total	Actual					608	
39300	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
39310	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
39320	DDE ***retired*** (use DDE, p,p')	ug/l	Total	Actual						
39330	Aldrin	ug/l	Total	Actual						
39337	BHC-alpha	ug/l	Total	Actual					608	
39338	BHC-beta	ug/l	Total	Actual						
39350	Chlordane	ug/l	Total	Actual					608	
39380	Dieldrin	ug/l	Total	Actual						
39390	Endrin	ug/l	Total	Actual						
39400	Toxaphene	ug/l	Total	Actual						
39410	Heptachlor	ug/l	Total	Actual						
39420	Heptachlor epoxide	ug/l	Total	Actual						
39488	Pcb-aroclor 1221	ug/l	Total	Actual					608	
39492	Pcb-aroclor 1232	ug/l	Total	Actual					608	
39496	Pcb-aroclor 1242	ug/l	Total	Actual					608	
39500	Pcb-aroclor 1248	ug/l	Total	Actual					608	
39504	Pcb-aroclor 1254	ug/l	Total	Actual					608	
39508	Pcb-aroclor 1260	ug/l	Total	Actual					608	
39782	BHC-gamma (Lindane)	ug/l	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC-S	Volatile Orgs in sediments	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34237	Benzene	ug/kg	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34290	Bromoform	ug/kg	Total	Actual						
34299	Carbon tetrachloride	ug/kg	Total	Actual					624	
34304	Chlorobenzene	ug/kg	Total	Actual						
34314	Chloroethane	ug/kg	Total	Actual						
34318	Chloroform	ug/kg	Total	Actual						
34330	Chlorodibromomethane	ug/kg	Total	Actual						
34374	Ethylbenzene	ug/kg	Total	Actual						
34416	Methyl bromide	ug/kg	Total	Actual						
34421	Dichloromethane	ug/kg	Total	Actual					624	
34426	Methyl chloride	ug/kg	Total	Actual						
34478	Tetrachloroethylene	ug/kg	Total	Actual						
34483	Toluene	ug/kg	Total	Actual						
34487	Trichloroethylene	ug/kg	Total	Actual						
34491	Trichlorofluoromethane	ug/kg	Total	Actual						
34495	Vinyl chloride	ug/kg	Total	Actual						
34499	Dichloroethane, 1,1-	ug/kg	Total	Actual						
34504	1,1-Dichloroethylene	ug/kg	Total	Actual					624	
34509	Trichloroethane, 1,1,1-	ug/kg	Total	Actual					624	
34514	Trichloroethane, 1,1,2-	ug/kg	Total	Actual					624	
34519	Tetrachloroethane, 1,1,2,2-	ug/kg	Total	Actual					624	
34534	Dichloroethane, 1,2-	ug/kg	Total	Actual					624	
34539	1,2-Dichlorobenzene	ug/kg	Total	Actual						
34544	Dichloropropane, 1,2-	ug/kg	Total	Actual						
34549	trans-1,2-Dichloroethylene	ug/kg	Total	Actual						
34569	1,3-Dichlorobenzene	ug/kg	Total	Actual						
34574	1,4-Dichlorobenzene	ug/kg	Total	Actual					624	
34579	2-Chloroethyl vinyl ether	ug/kg	Total	Actual					624	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34697	trans-1,3-Dichloropropene	ug/kg	Total	Actual						
34702	cis-1,3-Dichloropropene	ug/kg	Total	Actual						
78195	Dichlorobromomethane	ug/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC-W	Volatile Orgs in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32101	Dichlorobromomethane	ug/l	Total	Actual						
32102	Carbon tetrachloride	ug/l	Total	Actual					624	
32104	Bromoform	ug/l	Total	Actual						
32105	Chlorodibromomethane	ug/l	Total	Actual						
32106	Chloroform	ug/l	Total	Actual						
34010	Toluene	ug/l	Total	Actual						
34020	Xylene, o-	ug/l	Total	Actual						
34030	Benzene	ug/l	Total	Actual						
34301	Chlorobenzene	ug/l	Total	Actual						
34311	Chloroethane	ug/l	Total	Actual						
34371	Ethylbenzene	ug/l	Total	Actual						
34413	Methyl bromide	ug/l	Total	Actual						
34418	Methyl chloride	ug/l	Total	Actual						
34475	Tetrachloroethylene	ug/l	Total	Actual						
34496	Dichloroethane, 1,1-	ug/l	Total	Actual						
34501	1,1-Dichloroethylene	ug/l	Total	Actual					624	
34506	Trichloroethane, 1,1,1-	ug/l	Total	Actual					624	
34511	Trichloroethane, 1,1,2-	ug/l	Total	Actual					624	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34516	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					624	
34531	Dichloroethane, 1,2-	ug/l	Total	Actual					624	
34541	Dichloropropane, 1,2-	ug/l	Total	Actual						
34546	trans-1,2-Dichloroethylene	ug/l	Total	Actual						
34699	trans-1,3-Dichloropropene	ug/l	Total	Actual						
34704	cis-1,3-Dichloropropene	ug/l	Total	Actual						
39175	Vinyl chloride	ug/l	Total	Actual						
39180	Trichloroethylene	ug/l	Total	Actual						
	Dichloromethane									
	Carbon disulfide									
	Acetone									

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SC Dept. of Health & Environmental Control

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
AGWS	Ambient Groundwater Samples	Sample	Water				N			
Description Ambient Groundwater Lab Analysis for metals, cations, anions, temp, cond, and pH										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00400	pH	None		Actual					D1293(B)	
	Acceptable Range	1.00000 - 14.00000	None							
00402	Specific conductance	umho/cm		Actual						
00410	Alkalinity, Carbonate as CaCO3	mg/l		Actual					2320	
00625	Nitrogen, Kjeldahl	mg/l		Actual						
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
00900	Hardness, Ca + Mg	mg/l		Actual					2340	
00916	Calcium	mg/l	Total	Actual					3120	
00927	Magnesium	mg/l	Total	Actual					200.7_M	
00929	Sodium	mg/l	Total	Actual					200.7_M	
00937	Potassium	mg/l	Total	Actual						
00940	Chloride	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 10,000.00000	mg/l							
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					3120	
00951	Fluorides	mg/l	Total	Actual					340.2_M	
01002	Arsenic	ug/l	Total	Actual					200.9	
01007	Barium	ug/l	Total	Actual					200.7_M	
01012	Beryllium	ug/l	Total	Actual					200.7_M	
01022	Boron	ug/l	Total	Actual					200.7_M	
01027	Cadmium	ug/l	Total	Actual					200.7_M	
01034	Chromium	ug/l	Total	Actual					200.7_M	
01037	Cobalt	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01042	Copper	ug/l	Total	Actual					200.7_M	
01045	Iron	ug/l	Total	Actual					200.7_M	
01051	Lead	ug/l	Total	Actual					200.7_M	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
01055	Manganese	ug/l	Total	Actual					200.7_M	
01062	Molybdenum	ug/l	Total	Actual					200.7_M	
01067	Nickel	ug/l	Total	Actual					200.7_M	
01077	Silver	ug/l	Total	Actual					200.7_M	
01082	Strontium	ug/l	Total	Actual						
01092	Zinc	ug/l	Total	Actual					200.7_M	
01097	Antimony	ug/l	Total	Actual					200.7_M	
01102	Tin	ug/l	Total	Actual					200.7_M	
01105	Aluminum	ug/l	Total	Actual					3120	
01132	Lithium	ug/l	Total	Actual					200.7_M	
01147	Selenium	ug/l	Total	Actual					200.9	
31	Uranium	ug/l		Actual						
36	Silica	mg/l		Actual						
5	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 100.00000 deg C								
70300	Solids, Fixed	mg/l	Dissolved	Actual					160.2	
71900	Mercury	ug/l	Total	Actual					245.1_M	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLD LAKE	Field Parameters for Lakes	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1% DEPTH	Light attenuation, depth at 99%	m		Actual						
	Acceptable Range	0.25000 - 10.00000								
AIR TEMP	Temperature, air	deg C		Actual						
	Acceptable Range	0.00000 - 40.00000								
COND	Specific conductance	umho/cm		Actual					2510	
	Acceptable Range	0.00000 - 1,500.00000								
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
	Acceptable Range	0.00000 - 15.00000								
FIELD PH	pH	None		Actual					4500-H	
	Acceptable Range	4.00000 - 9.50000								
PHOTO	Solar irradiation, local	uE/m2/sec		Actual						
	Acceptable Range	10.00000 - 3,000.00000								
SECCHI	Depth, Secchi Disk Depth	in		Actual						
	Acceptable Range	6.00000 - 120.00000								
WEATHER	Weather Condition (WMO Code 4501) (Choice List)									
WTR TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	1.00000 - 35.00000								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLD LK 2	2nd Station Activity ID in Run	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR TEMP	Temperature, air	deg C		Actual					UNKNOWN	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	1.00000 - 40.00000 deg C								
COND	Specific conductance	umho/cm		Actual					UNKNOWN	
	Acceptable Range	10.00000 - 1,500.00000 umho/cm								
D.O.	Dissolved oxygen (DO)	mg/l		Actual					UNKNOWN	
	Acceptable Range	0.00000 - 14.00000 mg/l								
FIELD PH	pH	None		Actual					UNKNOWN	
	Acceptable Range	4.00000 - 9.50000 None								
WEATHER	Weather Condition (WMO Code 4501) (Choice List)								UNKNOWN	
WTR TEMP	Temperature, water	deg C		Actual					UNKNOWN	
	Acceptable Range	1.00000 - 35.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLD LK 3	3rd Station Activity ID in Run	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR TEMP	Temperature, air	deg C		Actual						
	Acceptable Range	0.00000 - 40.00000 deg C								
COND	Specific conductance	umho/cm		Actual					UNKNOWN	
	Acceptable Range	1.00000 - 1,500.00000 umho/cm								
D.O.	Dissolved oxygen (DO)	mg/l		Actual					UNKNOWN	
	Acceptable Range	0.00000 - 15.00000 mg/l								
FIELD PH	pH	None		Actual					UNKNOWN	
	Acceptable Range	4.00000 - 9.50000 None								
WATER TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	1.00000 - 35.00000 deg C								
WEATHER	Weather Condition (WMO Code								UNKNOWN	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	4501) (Choice List)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLD LK 4	4th Station Activity ID In Run	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR TEMP	Temperature, air	deg C		Actual					UNKNOWN	
	Acceptable Range	0.00000 - 40.00000	deg C							
COND	Specific conductance	umho/cm		Actual					UNKNOWN	
	Acceptable Range	1.00000 - 1,500.00000	umho/cm							
D.O.	Dissolved oxygen (DO)	mg/l		Actual					UNKNOWN	
	Acceptable Range	0.00000 - 14.00000	mg/l							
FIELD PH	pH	None		Actual					UNKNOWN	
	Acceptable Range	4.00000 - 9.50000	None							
WATER TEMP	Temperature, water	deg C		Actual					UNKNOWN	
	Acceptable Range	1.00000 - 35.00000	deg C							
WEATHER	Weather Condition (WMO Code								UNKNOWN	
	4501) (Choice List)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLD STRM	Field Parameters for Streams	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR TEMP	Temperature, air	deg C		Actual					UNKNOWN	
	Acceptable Range	-2.00000 - 40.00000	deg C							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
	Acceptable Range	0.00000 - 1,500.00000 umho/cm								
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
	Acceptable Range	0.00000 - 15.00000 mg/l								
FIELD PH	pH	None		Actual					4500-H	
	Acceptable Range	4.00000 - 9.50000 None								
FLOW	Flow	cfs		Actual	Mean				FLOW	
	Acceptable Range	0.00000 - 20,000.00000 cfs								
WEATHER	Weather Condition (WMO Code 4501) (Choice List)									
WTR TEMP	Temperature, water	deg C		Actual					UNKNOWN	
	Acceptable Range	1.00000 - 35.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAB	General Laboratory Analyses	Sample	Water				N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKAL	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
	Acceptable Range	1.00000 - 250.00000 mg/l								
AS	Arsenic	ug/l	Total	Actual					3500-AS(B)	METAL
	Acceptable Range	2.00000 - 5.00000 ug/l								
BOD	BOD, Biochemical oxygen demand	mg/l		Calculated					5210-B	NUTRIENTS
	Acceptable Range	1.00000 - 10.00000 mg/l								
BR(IC)	Bromide	mg/l	Total	Actual					4500-BR(C)	NUTRIENTS
	Acceptable Range	0.02500 - 5.00000 mg/l								
CA	Calcium	mg/l	Total	Actual					3500-CA(B)	METAL

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	1.00000 - 50.00000 mg/l								
CD	Cadmium	ug/l	Total	Actual					3500-CD(B)	METAL
	Acceptable Range	1.00000 - 50.00000 ug/l								
CHPYL A	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	CHPYL A
	Acceptable Range	0.50000 - 50.00000 ug/l								
CL(IC)	Chloride	mg/l	Total	Actual					4500-CL-(F)	NUTRIENTS
	Acceptable Range	0.10000 - 40.00000 mg/l								
COLIFORM	Fecal Coliform	#/100ml	Total	Calculated					3.4	BACTERIA
	Acceptable Range	1.00000 - 1,000.00000 #/100ml								
COLOR	Color, True	PCU		Actual					2120-B	
	Acceptable Range	10.00000 - 250.00000 PCU								
CR	Chromium	ug/l	Total	Actual					3500-CR(B)	METAL
	Acceptable Range	5.00000 - 50.00000 ug/l								
CU	Copper	ug/l	Total	Actual					3500-CU(B)	METAL
	Acceptable Range	1.00000 - 100.00000 ug/l								
FE	Iron	ug/l	Total	Actual					3500-FE(B)	METAL
	Acceptable Range	1.00000 - 2,100.00000 ug/l								
FL(IC)	Fluorides	mg/l	Total	Actual					4500-F-F	NUTRIENTS
	Acceptable Range	0.02000 - 5.00000 mg/l								
HDNS	Hardness, Ca + Mg	mg/l	Total	Calculated						METAL
	Acceptable Range	1.00000 - 100.00000 mg/l								
HG	Mercury	ug/l	Total	Actual					3500-HG(B)	METAL
	Acceptable Range	0.05000 - 0.50000 ug/l								
K	Potassium	mg/l	Total	Actual					3500-K-B	METAL
	Acceptable Range	1.00000 - 10.00000 mg/l								
LAB PH	pH	None	Total	Actual					4500-H	
	Acceptable Range	4.00000 - 9.00000 None								
MG	Magnesium	mg/l	Total	Actual					3500-MG(B)	METAL
	Acceptable Range	1.00000 - 10.00000 mg/l								
MN	Manganese	ug/l	Total	Actual					3500-MN(B)	METAL

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	10.00000 - 100.00000 ug/l								
NA	Sodium	mg/l	Total	Actual					3500-NA(B)	METAL
	Acceptable Range	1.00000 - 50.00000 mg/l								
NH3(OI)	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(G)	NUTRIENTS
	Acceptable Range	0.02000 - 0.90000 mg/l								
NI	Nickel	ug/l	Total	Actual					3500-NI(B)	METAL
	Acceptable Range	1.00000 - 100.00000 ug/l								
NO2(IC)	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					4500-NO2(C)	NUTRIENTS
	Acceptable Range	0.05000 - 5.00000 mg/l								
NO3(IC)	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					4500-NO3(C)	NUTRIENTS
	Acceptable Range	0.05000 - 5.00000 mg/l								
NO3/NO2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)	NUTRIENTS
	Acceptable Range	0.02000 - 2.00000 mg/l								
OPO4	Phosphorus, orthophosphate as P	mg/l	Total	Actual					4500-P-F	NUTRIENTS
	Acceptable Range	0.02000 - 1.00000 mg/l								
OPO4(IC)	Phosphorus, orthophosphate as P	mg/l	Total	Actual						NUTRIENTS
	Acceptable Range	0.05000 - 2.00000 mg/l								
PB	Lead	ug/l	Total	Actual					3500-PB(B)	METAL
	Acceptable Range	1.00000 - 10.00000 ug/l								
SE	Selenium	ug/l	Total	Actual					3500-SE(H)	METAL
	Acceptable Range	2.00000 - 5.00000 ug/l								
SO4(IC)	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					4500-SO4(B)	NUTRIENTS
	Acceptable Range	0.10000 - 100.00000 mg/l								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NOR(B)	NUTRIENTS
	Acceptable Range	0.02000 - 2.00000 mg/l								
TKN(OI)	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NOR(C)	NUTRIENTS
	Acceptable Range	0.02000 - 2.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TP	Phosphorus as P Acceptable Range	mg/l	Total	Actual					4500-P-F	NUTRIENTS
TP(OI)	Phosphorus as P Acceptable Range	mg/l	Total	Actual						NUTRIENTS
TS	Solids, Fixed Acceptable Range	mg/l	Total	Actual					2540-B	
TSS	Solids, Fixed Acceptable Range	mg/l	Non-filterable	Actual					2540-D	SOLIDS
TURB	Turbidity Acceptable Range	NTU		Actual					2130	
ZN	Zinc Acceptable Range	ug/l	Total	Actual					3500-ZN(B)	METAL

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS-S	Metals Analyses - Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Calcium Acceptable Range	mg/kg	Total	Actual						METAL
2	Magnesium Acceptable Range	mg/kg	Total	Actual					3500-MG(B)	
3	Chromium Acceptable Range	mg/kg	Total	Actual					3500-CR(B)	
4	Copper Acceptable Range	mg/kg	Total	Actual					3500-CU(B)	
5	Zinc Acceptable Range	mg/kg	Total	Actual						
6	Nickel Acceptable Range	mg/kg	Total	Actual					3500-NI(B)	

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Santee Cooper - South Carolina Public Service Authority

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
7	Manganese Acceptable Range	mg/kg	Total	Actual					3500-MN(B)		
<hr/>											
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat				
NUTRNT-S	Nutrients Analyses - Sediment	Sample	Sediment				N				
<hr/>											
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat				
PROFBOT	Profile @ Bottom Depth	Field Msr/Obs	Water				N				
<hr/>											
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
COND	Specific conductance	umho/cm		Actual					2510		
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G		
FIELD PH	pH Acceptable Range	None		Actual					4500-H		
WTR TEMP	Temperature, water	deg C		Actual							
<hr/>											
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat				
PROFIL10	Depth Profile @ 10 meters	Field Msr/Obs	Water				N				
<hr/>											
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
COND	Specific conductance	umho/cm		Actual					2510		
D.O.	Dissolved oxygen (DO)	mg/l	Total	Actual					4500-O-G		
WTR TEMP	Temperature, water	deg C		Actual							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE1	Depth Profile @ 1 meter	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual						
D.O.	Dissolved oxygen (DO)	mg/l		Actual						
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE2	Depth Profile @ 2 meters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE3	Depth Profile @ 3 meters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE4	Depth Profile @ 4 meters	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE5	Depth Profile @ 5 meters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE6	Depth Profile @ 6 meters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE7	Depth Profile @ 7 meters	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE8	Depth Profile @ 8 meters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFILE9	Depth Profile @ 9 meters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
D.O.	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
WTR TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PROFMID	Profile @ Mid-Depth	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual					2510	
	Acceptable Range	0.00000 - 1,500.00000 umho/cm								
D.O.	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					4500-O-G	
	Acceptable Range	0.00000 - 15.00000 mg/l								
WTR TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	1.00000 - 35.00000 deg C								

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21SCSHL

SC Dept of Health and Environmental Control

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31615	Fecals - MPN (EC Medium)	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31615	Fecal Coliform	#/100ml	Total	Actual	MPN				9222-E	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SHFFIELD	Shell Fish Field	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 100.00000 deg C								
00020	Temperature, air	deg C		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00038	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00041	Weather Condition (WMO Code 4501) (Choice List)									
00067	Tide stage (choice list)									
00480	Salinity	ppt	Total	Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ENERGY S	Energy TS, TSS, Fecal	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Solids, Total	mg/l		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ENERGY-F	Energy Fecal coliform etc.	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Total Coliform			Actual						
	Escherichia coli	#/100ml		Actual					9221-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ENERGYL	Energy Old Long Group	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Hardness, carbonate	mg/l	Total	Actual					2340	
	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Mercury	ug/l	Total	Actual					245.1	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Silver	ug/l	Total	Actual					200.7(W)	
	Solids, Total	mg/l	Total	Calculated					160.3	
	Zinc	ug/l	Total	Actual					200.7(W)	
	Selenium	ug/l	Total	Actual					200.7(W)	
	Cyanide	ug/l	Total	Actual					335.4	
	Nickel	ug/l	Total	Actual					200.7(W)	
	Lead	ug/l	Total	Actual					200.7(W)	
	Copper	ug/l	Total	Actual					200.7(W)	
	Chromium	ug/l	Total	Actual					200.7(W)	
	Cadmium	ug/l	Total	Actual					200.7(W)	
	Arsenic	ug/l	Total	Actual					200.7(W)	
	Magnesium	mg/l	Total	Actual					200.7(W)	
	Calcium	mg/l	Total	Actual					200.7(W)	
	Mercury	ug/l	Dissolved	Actual					245.1	
	Silver	ug/l	Dissolved	Actual					200.7(W)	
	Zinc	ug/l	Dissolved	Actual					200.7(W)	
	Selenium	ug/l	Dissolved	Actual					200.7(W)	
	Nickel	ug/l	Dissolved	Actual					200.7(W)	
	Lead	ug/l	Dissolved	Actual					200.7(W)	
	Copper	ug/l	Dissolved	Actual					200.7(W)	
	Chromium	ug/l	Dissolved	Actual					200.7(W)	
	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
	Arsenic	ug/l	Dissolved	Actual					200.7(W)	
	Cyanide	ug/l	Acid Soluble	Actual					335.4	
	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD S	Field temps, DO, ph	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pH	None		Actual					150.1	
	Dissolved oxygen (DO)	mg/l		Actual					360.2	
	Temperature, water	deg C		Actual						
	Temperature, air	deg C		Actual					170.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FISH001	Fish Flesh Analysis	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALDEHYDE	Endrin Aldehyde	ug/kg	Total	Actual						
ALDRIN	Aldrin	ug/kg	Total	Actual						
BHC-A	BHC-alpha	ug/kg	Total	Actual						
BHC-B	BHC-beta	ug/kg	Total	Actual						
BHC-G	Hexachlorocyclohexane (mixture)	ug/kg	Total	Actual						
CADMIUM	Cadmium	mg/kg	Total	Actual						
CHLORDAN	Chlordane	ug/kg	Total	Actual						
DDD	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual						
DDE	DDE ***retired*** (use DDE, p,p')	ug/kg	Total	Actual						
DDT	DDT ***retired*** (use DDT, p,p')	ug/kg	Total	Actual						
DIELDRIN	Dieldrin	ug/kg	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENDO1	Endosulfan, alpha-	ug/kg	Total	Actual						
ENDO2	Endosulfan, beta-	ug/kg	Total	Actual						
ENDOSULF	Endosulfan Sulfate	ug/kg	Total	Actual						
ENDRIN	Endrin	ug/kg	Total	Actual						
EPODIXE	Heptachlor epoxide	ug/kg	Total	Actual						
HEPTACHL	Heptachlor	ug/kg	Total	Actual						
HEXCB	Hexachlorobenzene	ug/kg	Total	Actual						
MERCURY	Mercury	ug/g	Total	Actual						
METHOXY	Methoxychlor	ug/kg	Total	Actual						
PCB	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual						
SELENIUM	Selenium	mg/kg	Total	Actual						
TOX	Toxaphene	ug/kg	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FISH002	Fish Size and Weight Data	Sample	Biological	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AGE	Age	years		Actual						
LENGTH	Length, Total (Fish)	mm		Actual						
SEX	Sex (choice list)									
WEIGHT	Weight	g		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HISTORIC	Historic	Sample	Water				N

This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Description

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					HISTORIC	
AMMONIA NH3	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					HISTORIC	
BOD	BOD, Biochemical oxygen demand	mg/l		Actual					HISTORIC	
COND	Specific conductance	umho/cm		Actual					HISTORIC	
D-AG	Silver	ug/l	Dissolved	Actual					HISTORIC	
D-AS	Arsenic	ug/l	Dissolved	Actual					HISTORIC	
D-CD	Cadmium	ug/l	Dissolved	Actual					HISTORIC	
D-CR	Chromium	ug/l	Dissolved	Actual					HISTORIC	
D-CU	Copper	ug/l	Dissolved	Actual					HISTORIC	
D-FE	Iron	ug/l	Dissolved	Actual					HISTORIC	
D-HG	Mercury	ug/l	Dissolved	Actual					HISTORIC	
D-MN	Manganese	ug/l	Dissolved	Actual					HISTORIC	
D-NI	Nickel	ug/l	Dissolved	Actual					HISTORIC	
D-PB	Lead	ug/l	Dissolved	Actual					HISTORIC	
D-SE	Selenium	ug/l	Dissolved	Actual					HISTORIC	
D-SOLIDS	Solids, Dissolved	mg/l	Dissolved	Calculated					HISTORIC	
D-ZN	Zinc	ug/l	Dissolved	Actual					HISTORIC	
DISS-P	Phosphorus as P	mg/l	Dissolved	Actual					HISTORIC	
E-COLI	Escherichia coli	#/100ml		Actual					HISTORIC	
ENTEROCOCCI	Enterococcus Group Bacteria	#/100ml		Actual					HISTORIC	
FECAL COLIFORM	Fecal Coliform	#/100ml	Total	Actual					HISTORIC	
HARD	Hardness, carbonate	mg/l	Total	Actual						
HARDNESS CA+MG	Hardness, Ca + Mg	mg/l		Actual					HISTORIC	
IRON, FERROUS	Iron, ferrous, Fe+2	ug/l	Total	Actual					HISTORIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
L-PH	pH	None		Actual					HISTORIC	
NITRATE NO2-NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					HISTORIC	
SAR	Sodium Adsorption Ratio [(Na)/(sq root of 1/2 Ca + Mg)]	None		Calculated					HISTORIC	
T-AG	Silver	ug/l	Total	Actual					HISTORIC	
T-AS	Arsenic	ug/l	Total	Actual					HISTORIC	
T-CA	Calcium	mg/l	Total	Actual					HISTORIC	
T-CD	Cadmium	ug/l	Total	Actual					HISTORIC	
T-CHLORIDE	Chloride	mg/l	Total	Actual					HISTORIC	
T-CN	Cyanide	ug/l	Total	Actual					HISTORIC	
T-CR	Chromium	ug/l	Total	Actual					HISTORIC	
T-CU	Copper	ug/l	Total	Actual					HISTORIC	
T-HG	Mercury	ug/l	Total	Actual					HISTORIC	
T-MG	Magnesium	mg/l	Total	Actual					HISTORIC	
T-NA	Sodium	mg/l	Total	Actual					HISTORIC	
T-NI	Nickel	ug/l	Total	Actual					HISTORIC	
T-PB	Lead	ug/l	Total	Actual					HISTORIC	
T-SE	Selenium	ug/l	Total	Actual					HISTORIC	
T-SOLID	Solids, Total	mg/l	Total	Actual					HISTORIC	
T-ZN	Zinc	ug/l	Total	Actual					HISTORIC	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					HISTORIC	
TOTAL-P	Phosphorus as P	mg/l	Total	Actual					HISTORIC	
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					HISTORIC	
UN-AMMONIA	Ammonia, unionized	mg/l		Calculated					HISTORIC	
WAD-CN	Cyanide	ug/l	Acid Soluble	Actual					HISTORIC	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
WATER001	SD DOH Data	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALIN	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
BOD	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
CA	Calcium	mg/l	Total	Actual					3111-B	
CL	Chloride	mg/l	Total	Actual					325.3	
CONDUCT	Specific conductance	umho/cm		Actual					120.1	
D-SOLIDS	Solids, Dissolved	mg/l	Dissolved	Actual					2540-C	
DISS-P	Phosphorus as P	mg/l	Dissolved	Actual					365.2	
DO SAT	Dissolved oxygen saturation	%		Calculated						
E-COLI	Escherichia coli	#/100ml		Actual					9223-B	
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
HARD	Hardness, carbonate	mg/l	Total	Actual					130.2	
K	Potassium	mg/l	Total	Actual					3111-B	
L-PH	pH	None		Actual					150.1	
MG	Magnesium	mg/l	Total	Actual					3111-B	
NA	Sodium	mg/l	Total	Actual					3111-B	
NH3	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(H)	
NO2-NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)	
S-SOLIDS	Solids, Total Suspended (TSS)	mg/l		Actual					2540-D	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					4500-SO4(F)	
T-SOLIDS	Solids, Total	mg/l	Total	Calculated					2540-B	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TOTAL-P	Phosphorus as P	mg/l	Total	Actual					365.2	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
WATER002	Energy	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALIN	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
BOD	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
CL	Chloride	mg/l	Total	Actual					325.2	
COLIFORM, TOTAL	Total Coliform	cfu/100ml	Total	Actual					9222-B	
CONDUCT	Specific conductance	umho/cm		Actual					2510	
D-AG	Silver	ug/l	Dissolved	Actual					200.7(W)	
D-AS	Arsenic	ug/l	Dissolved	Actual					200.7(W)	
D-CA	Calcium	mg/l	Dissolved	Actual					200.7(W)	
D-CD	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
D-CR	Chromium	ug/l	Dissolved	Actual					200.7(W)	
D-CU	Copper	ug/l	Dissolved	Actual					200.7(W)	
D-FE	Iron	ug/l	Dissolved	Actual					200.7(W)	
D-HG	Mercury	ug/l	Dissolved	Actual					245.1	
D-MG	Magnesium	mg/l	Dissolved	Actual					200.7(W)	
D-MN	Manganese	ug/l	Dissolved	Actual					200.7(W)	
D-NA	Sodium	mg/l	Dissolved	Actual					200.7(W)	
D-NI	Nickel	ug/l	Dissolved	Actual					200.7(W)	
D-PB	Lead	ug/l	Dissolved	Actual					200.7(W)	
D-SE	Selenium	ug/l	Dissolved	Actual					200.7(W)	
D-SOLIDS	Solids, Dissolved	mg/l	Dissolved	Actual					NONE	
D-ZN	Zinc	ug/l	Dissolved	Actual					200.7(W)	
DISS-P	Phosphorus as P	mg/l	Dissolved	Actual					365.1	
DO SAT	Dissolved oxygen saturation	%		Calculated						

Characteristic Group Details

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21SDAK01

SD Dept of Environmental & Natural Resources

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
E-COLI	Escherichia coli	#/100ml		Actual					9221-D	
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
HARD	Hardness, carbonate	mg/l	Total	Actual					2340	
L-PH	pH	None		Actual					150.1	
NH4	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(G)	
NO2-NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
ORTHO-P	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
S-SOLIDS	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
T-AG	Silver	ug/l	Total	Actual					200.7(W)	
T-AS	Arsenic	ug/l	Total	Actual					200.7(W)	
T-CA	Calcium	mg/l	Total	Actual					200.7(W)	
T-CD	Cadmium	ug/l	Total	Actual					200.7(W)	
T-CN	Cyanide	ug/l	Total	Actual					335.4	
T-CR	Chromium	ug/l	Total	Actual					200.7(W)	
T-CU	Copper	ug/l	Total	Actual					200.7(W)	
T-HG	Mercury	ug/l	Total	Actual					245.1	
T-MG	Magnesium	mg/l	Total	Actual					200.7(W)	
T-NA	Sodium	mg/l	Total	Actual					200.7(W)	
T-NI	Nickel	ug/l	Total	Actual					200.7(W)	
T-PB	Lead	ug/l	Total	Actual					200.7(W)	
T-SE	Selenium	ug/l	Total	Actual					200.7(W)	
T-SOLIDS	Solids, Total	mg/l	Total	Calculated					160.3	
T-ZN	Zinc	ug/l	Total	Actual					200.7(W)	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	

Characteristic Group Details

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21SDAK01

SD Dept of Environmental & Natural Resources

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TOTAL-P	Phosphorus as P	mg/l	Total	Actual					365.1	
WAD-CN	Cyanide	ug/l	Acid Soluble	Actual					335.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATER003	USBOR	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALINITY	Alkalinity, Carbonate as CaCO3	mg/l		Actual						
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual						
CALCIUM	Calcium	mg/l	Total	Actual						
CATION/ANION BALANCE	Cations-Anions	%	Free Available	Actual						
CHLORIDE	Chloride	mg/l	Total	Actual						
D-SOLIDS	Solids, Dissolved	mg/l	Dissolved	Calculated						
HARDNESS	Hardness, carbonate	mg/l		Actual						
MAGNESIUM	Magnesium	mg/l	Total	Actual						
NITRATE	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
ORGANIC CARBON	Carbon, organic	mg/l	Total	Actual						
POTASSIUM	Potassium	mg/l	Total	Actual						
SAR	Sodium Adsorption Ratio [(Na)/(sq root of 1/2 Ca + Mg)]			Calculated						
SODIUM	Sodium	mg/l	Total	Actual						
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
T-SOLIDS	Solids, Total	mg/l	Total	Actual						

Characteristic Group Details

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21SDAK01

SD Dept of Environmental & Natural Resources

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual						
TSS 105	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual						
TSS 550	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQMFIELD	WQM Field Data	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIRTEMP	Temperature, air	deg C		Actual					170.1	
APPEAR	Water appearance (text)								NONE	
DEPTH	Depth, bottom	ft		Actual					NONE	
DO	Dissolved oxygen (DO)	mg/l		Actual					360.2	
DO SATURATION	Dissolved oxygen saturation	%		Calculated					HISTORIC	
F-COND	Specific conductance	umho/cm		Actual					HISTORIC	
F-PH	pH	None		Actual					150.1	
FISHKILL	Fish Kill, severity (choice list)									
FLOW	Flow	cfs		Actual						
VELOCITY	Velocity - stream	ft/sec		Actual					NONE	
WEATHER	Weather Comments (text)									
WIDTH	Width	ft		Actual					NONE	
WTEMP	Temperature, water	deg C		Actual					170.1	

Characteristic Group Details

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21WABCH

Washington State Department of Ecology

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ECOLI	ESCHERICHIA COLI	Sample	Water				N
ENTERO	ENTEROCOCCUS GROUP BACTERIA	Sample	Water				N
FECAL	COLIFORM, FECAL	Sample	Water				N

Characteristic Group Details

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21WIBCH

Wisconsin Department of Natural Resources

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEST	test	Sample	Water				N

Characteristic Group Details

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Louisiana Dept of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BMP-FLD	Field Measurements	Field Msr/Obs	Water				N

Citations Baseline Monitoring Project, 1999, Baseline Monitoring Project, Quality Assurance Project Plan, LDEQ, 198pp

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water Acceptable Range	deg C 0.00000 - 40.00000 deg C		Actual					BMP-FLD	
2	Specific conductance Acceptable Range	umho/cm 0.00000 - 2,000.00000 umho/cm		Actual					BMP-FLD	
3	pH Acceptable Range	SU 1.00000 - 14.00000 SU		Actual					BMP-FLD	
4	Salinity Acceptable Range	ppt 0.00000 - 100.00000 ppt		Actual					BMP-FLD	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METAL-1	Total Metals in Water	Sample	Water				N

Citations USEPA, 1998, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition, Final Update III., USEPA, SW-846_III

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Antimony Acceptable Range	ppb 0.00000 - 6.00000 ppb		Actual					6010B	METAL-1
10	Mercury Acceptable Range	ppb 0.00000 - 2.00000 ppb		Actual					7470A	METAL-1
11	Nickel Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					6010B	METAL-1
12	Selenium Acceptable Range	ppb 0.00000 - 50.00000 ppb		Actual					6010B	METAL-1
13	Silver Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					6010B	METAL-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
14	Thallium	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 5.00000 ppb								
15	Zinc	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 5,000.00000 ppb								
2	Arsenic	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 50.00000 ppb								
3	Barium	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 2,000.00000 ppb								
4	Beryllium	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 4.00000 ppb								
5	Cadmium	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 5.00000 ppb								
6	Chromium	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 100.00000 ppb								
7	Copper	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 1,000.00000 ppb								
8	Iron	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 300.00000 ppb								
9	Lead	ppb		Actual					6010B	METAL-1
	Acceptable Range	0.00000 - 15.00000 ppb								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METAL-2	Total Metals in Water (106)	Sample	Water				N
Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Antimony	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 6.00000 ppb								
10	Mercury	ppb		Actual					245.1	HG-106

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 2.00000 ppb								
11	Nickel	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 100.00000 ppb								
12	Selenium	ppb		Actual					200.9	METAL-2
	Acceptable Range	0.00000 - 50.00000 ppb								
13	Silver	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 100.00000 ppb								
14	Thallium	ppb		Actual					200.9	METAL-2
	Acceptable Range	0.00000 - 2.00000 ppb								
15	Zinc	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 5,000.00000 ppb								
16	Calcium	ppm		Actual					200.7(W)	METAL-2
17	Magnesium	ppm		Actual					200.7(W)	METAL-2
18	Potassium	ppm		Actual					200.7(W)	METAL-2
19	Silica	ppm		Actual					200.7(W)	METAL-2
2	Arsenic	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 50.00000 ppb								
20	Sodium	ppm		Actual					200.7(W)	METAL-2
3	Barium	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 2,000.00000 ppb								
4	Beryllium	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 4.00000 ppb								
5	Cadmium	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 5.00000 ppb								
6	Chromium	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 100.00000 ppb								
7	Copper	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 1,300.00000 ppb								
8	Iron	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 300.00000 ppb								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
9	Lead	ppb		Actual					200.7(W)	METAL-2
	Acceptable Range	0.00000 - 15.00000 ppb								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NUTRNT-1	Nutrients in Water	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Ammonia, unionized	ppm		Actual					350.3	NUTRNT-1
	Acceptable Range	0.00000 - 10.00000 ppm								
2	Hardness, carbonate	ppm		Actual					130.2	NUTRNT-1
	Acceptable Range	0.00000 - 250.00000 ppm								
3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	ppm		Actual					353.2	NUTRNT-1
	Acceptable Range	0.00000 - 10.00000 ppm								
4	Nitrogen, Kjeldahl	ppm		Actual					351.2	NUTRNT-1
	Acceptable Range	0.00000 - 10.00000 ppm								
5	Phosphorus as P	ppm		Actual					365.4	NUTRNT-1
	Acceptable Range	0.00000 - 10.00000 ppm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PESTPCB1	Pest/PCB's in Water-8270C	Sample	Water				N

Citations USEPA, 1998, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition, Final Update III., USEPA, SW-846_III

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	BHC-alpha	ppb		Actual					8270C	PEST/PCB

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10.00000	ppb						PEST/PCB	
10	DDE ***retired*** (use DDE, p,p'-)	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000	ppb							
11	Dieldrin	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000	ppb							
12	DDD ***retired*** (use DDD, p,p')	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000	ppb							
13	Endrin	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 2.00000	ppb							
14	Toxaphene	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 3.00000	ppb							
15	Endosulfan, beta-	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000	ppb							
16	Endrin Aldehyde	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000	ppb							
17	DDT ***retired*** (use DDT, p,p'-)	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000	ppb							
18	Endosulfan Sulfate	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000	ppb							
19	Methoxychlor	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 40.00000	ppb							
2	BHC-beta	ppb		Actual					8270C	PEST/PCB

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
									PEST/PCB	
20	Acceptable Range Endrin ketone	0.00000 - 10.00000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
21	Acceptable Range Pcb-aroclor 1221	0.00000 - 10.00000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
22	Acceptable Range Pcb-aroclor 1232	0.00000 - 0.50000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
23	Acceptable Range Pcb-aroclor 1016	0.00000 - 0.50000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
24	Acceptable Range Pcb-aroclor 1254	0.00000 - 5.00000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
25	Acceptable Range Pcb-aroclor 1248	0.00000 - 0.50000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
26	Acceptable Range Pcb-aroclor 1260	0.00000 - 0.50000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
27	Acceptable Range Pcb-aroclor 1242	0.00000 - 0.50000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
3	Acceptable Range BHC-gamma (Lindane)	0.00000 - 5.00000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
4	Acceptable Range BHC-delta	0.00000 - 0.20000 ppb ppb		Actual					8270C PEST/PCB	PEST/PCB
5	Acceptable Range Heptachlor	0.00000 - 10.00000 ppb ppb		Actual					8270C	PEST/PCB

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 0.40000 ppb							PEST/PCB	
6	Aldrin	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 0.20000 ppb							8270C PEST/PCB	PEST/PCB
7	Heptachlor epoxide	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 0.20000 ppb							8270C PEST/PCB	PEST/PCB
8	Chlordane	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 2.00000 ppb							8270C PEST/PCB	PEST/PCB
9	Endosulfan, alpha-	ppb		Actual					8270C PEST/PCB	PEST/PCB
	Acceptable Range	0.00000 - 10.00000 ppb								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PESTPCB2	Pest/PCB's in Water - 625	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	BHC-alpha	ppb		Actual					625	PEST/PCB-2
	Acceptable Range	0.00000 - 10.00000 ppb								
10	DDE ***retired*** (use DDE, p,p'-)	ppb		Actual					625	PEST/PCB-2
	Acceptable Range	0.00000 - 10.00000 ppb								
11	Dieldrin	ppb		Actual					625	PEST/PCB-2
	Acceptable Range	0.00000 - 10.00000 ppb								
12	DDD ***retired*** (use DDD, p,p')	ppb		Actual					625	PEST/PCB-2
	Acceptable Range	0.00000 - 10.00000 ppb								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
13	Endrin Acceptable Range	ppb 0.00000 - 2.00000 ppb		Actual					625	PEST/PCB-2
14	Toxaphene Acceptable Range	ppb 0.00000 - 3.00000 ppb		Actual					625	PEST/PCB-2
15	Endosulfan, beta- Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					625	PEST/PCB-2
16	Endrin Aldehyde Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					625	PEST/PCB-2
17	DDT ***retired*** (use DDT, p,p'-) Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					625	PEST/PCB-2
18	Endosulfan Sulfate Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					625	PEST/PCB-2
2	BHC-beta Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					625	PEST/PCB-2
21	Pcb-aroclor 1221 Acceptable Range	ppb 0.00000 - 0.50000 ppb		Actual					625	PEST/PCB-2
22	Pcb-aroclor 1232 Acceptable Range	ppb 0.00000 - 0.50000 ppb		Actual					625	PEST/PCB-2
23	Pcb-aroclor 1016 Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					625	PEST/PCB-2
24	Pcb-aroclor 1254 Acceptable Range	ppb 0.00000 - 0.50000 ppb		Actual					625	PEST/PCB-2
25	Pcb-aroclor 1248 Acceptable Range	ppb 0.00000 - 0.50000 ppb		Actual					625	PEST/PCB-2
26	Pcb-aroclor 1260 Acceptable Range	ppb 0.00000 - 0.50000 ppb		Actual					625	PEST/PCB-2
27	Pcb-aroclor 1242 Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					625	PEST/PCB-2
3	BHC-gamma (Lindane) Acceptable Range	ppb 0.00000 - 0.20000 ppb		Actual					625	PEST/PCB-2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4	BHC-delta Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					625	PEST/PCB-2
5	Heptachlor Acceptable Range	ppb 0.00000 - 0.40000 ppb		Actual					625	PEST/PCB-2
6	Aldrin Acceptable Range	ppb 0.00000 - 0.20000 ppb		Actual					625	PEST/PCB-2
7	Heptachlor epoxide Acceptable Range	ppb 0.00000 - 0.20000 ppb		Actual					625	PEST/PCB-2
8	Chlordane Acceptable Range	ppb 0.00000 - 2.00000 ppb		Actual					625	PEST/PCB-2
9	Endosulfan, alpha- Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					625	PEST/PCB-2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SVOC-1	SVOC's in Water-8270C	Sample	Water				N
Citations	USEPA, 1998, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition, Final Update III., USEPA, SW-846_III						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrosodimethylamine, n- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
10	1,4-Dichlorobenzene Acceptable Range	ppb 0.00000 - 75.00000 ppb		Actual					8270C - SVOC	SVOC-1
11	Benzyl alcohol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
12	1,2-Dichlorobenzene Acceptable Range	ppb 0.00000 - 600.00000 ppb		Actual					8270C - SVOC	SVOC-1
13	Cresol, o- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
14	Dichlorodiisopropyl ether, 2,2'- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
15	Cresol, p- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
16	n-Nitrosodipropylamine Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
17	Hexachloroethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
18	Acetophenone Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
19	nitro-Benzene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
2	Picoline, 2- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
20	Nitrosopiperidine, n- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
21	Isophorone Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
22	2,4-Dimethylphenol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
23	Nitrophenol, 2- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
24	Benzoic acid Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
25	bis(2-chloroethoxy) methane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
26	2,4-Dichlorophenol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
27	Dimethylphenethylamine, alpha,alpha- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
28	1,2,4-Trichlorobenzene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 70.00000 ppb								
29	Naphthalene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
3	Methyl methanesulfonate	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
30	Chloroaniline, 4-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
31	Dichlorophenol, 2,6-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
32	Hexachlorobutadiene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
33	Nitrosodibutylamine, n-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
34	4-Chloro-3-methylphenol	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
35	Methylnaphthalene, 2-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
36	Hexachlorocyclopentadiene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 50.00000 ppb								
37	Tetrachlorobenzene, 1,2,4,5-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
38	2,4,6-Trichlorophenol (TcPh)	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
39	Trichlorophenol, 2,4,5-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
4	Ethyl methanesulfonate	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
40	Chloronaphthalene-2	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
41	Chloronaphthalene, alpha-	ppb		Actual					8270C - SVOC	SVOC-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100.00000 ppb								
42	Nitroaniline, 2-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
43	Dimethyl phthalate	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
44	2,6-Dinitrotoluene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
45	Acenaphthylene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
46	m-Nitroaniline	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
47	p-Nitrophenol	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
48	Dinitrophenol, 2,4-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
49	Acenaphthene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
5	Phenol	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
50	2,4-Dinitrotoluene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
51	Pentachlorobenzene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
52	Dibenzofuran	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
53	Naphthylamine, alpha-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
54	Diethyl phthalate	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
55	Tetrachlorophenol, 2,3,4,6-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
56	Naphthylamine, beta- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
57	Chlorophenyl-4 phenyl ether Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
58	p-Nitroaniline Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
59	Fluorenes, C1-C3 Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
6	Aniline Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
60	Dinitro-o-cresol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
61	Aminodiphenyl, 4- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
62	Diphenylhydrazine, 1,2- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
63	Phenacetin Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
64	Bromophenyl-4 phenyl ether Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
65	Hexachlorobenzene Acceptable Range	ppb 0.00000 - 1.00000 ppb		Actual					8270C - SVOC	SVOC-1
66	Pronamide Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
67	n-Nitrosodiphenylamine	ppb		Actual					8270C - SVOC	SVOC-1
68	Pentachlorophenol (PCP) Acceptable Range	ppb 0.00000 - 1.00000 ppb		Actual					8270C - SVOC	SVOC-1
69	Pentachloronitrobenzene (PCNB) Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8270C - SVOC	SVOC-1
7	bis(2-chloroethyl) ether	ppb		Actual					8270C - SVOC	SVOC-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100.00000 ppb								
70	Phenanthrenes, C1-C4	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
71	Anthracene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
72	Dibutyl phthalate	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
73	Fluoranthenes, C1-C4	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
74	Benzidine	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
75	Pyrene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
76	Dimethylaminoazobenzene, 4-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
77	Butyl benzyl phthalate	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
78	bis(2-ethylhexyl) phthalate (DEHP)	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 6.00000 ppb								
79	Dichlorobenzidine, 3,3'-	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
8	Chlorophenol-2	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
80	Benzo[a]anthracene	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
81	Chrysenes C1-C4	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
82	bis(n-octyl) Phthalate	ppb		Actual					8270C - SVOC	SVOC-1
	Acceptable Range	0.00000 - 100.00000 ppb								
83	Dimethylbenz(a)anthracene,	ppb		Actual					8270C - SVOC	SVOC-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	7,12- Acceptable Range	0.00000 - 100.00000	ppb							
84	Benzo[b]fluoranthene Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1
85	Benzo[k]fluoranthene Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1
86	Benzo[a]pyrene Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1
87	Methylcholanthrene, 3- Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1
88	Dibenz(a,j)acridine Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1
89	Indeno[1,2,3-cd]pyrene Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1
9	1,3-Dichlorobenzene Acceptable Range	0.00000 - 600.00000	ppb	Actual					8270C - SVOC	SVOC-1
90	Dibenzo[a,h]anthracene Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1
91	Benzo[g,h,i]perylene Acceptable Range	0.00000 - 100.00000	ppb	Actual					8270C - SVOC	SVOC-1

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SVOC-2	SVOC's in Water - 625	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrosodimethylamine, n- Acceptable Range	0.00000 - 100.00000	ppb	Actual					625	SVOC-2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	1,4-Dichlorobenzene Acceptable Range	ppb 0.00000 - 75.00000 ppb		Actual					625	SVOC-2
12	1,2-Dichlorobenzene Acceptable Range	ppb 0.00000 - 600.00000 ppb		Actual					625	SVOC-2
14	Dichlorodiisopropyl ether, 2,2'- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
16	n-Nitrosodipropylamine Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
17	Hexachloroethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
19	nitro-Benzene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
21	Isophorone Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
22	2,4-Dimethylphenol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
23	Nitrophenol, 2- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
25	bis(2-chloroethoxy) methane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
26	2,4-Dichlorophenol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
28	1,2,4-Trichlorobenzene Acceptable Range	ppb 0.00000 - 70.00000 ppb		Actual					625	SVOC-2
29	Naphthalene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
32	Hexachlorobutadiene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
34	4-Chloro-3-methylphenol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
36	Hexachlorocyclopentadiene	ppb		Actual					625	SVOC-2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 50.00000 ppb								
37	Tetrachlorobenzene, 1,2,4,5-	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
38	2,4,6-Trichlorophenol (TCPh)	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
40	Chloronaphthalene-2	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
43	Dimethyl phthalate	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
44	2,6-Dinitrotoluene	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
45	Acenaphthylene	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
47	p-Nitrophenol	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
48	Dinitrophenol, 2,4-	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
49	Acenaphthene	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
5	Phenol	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
50	2,4-Dinitrotoluene	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
51	Pentachlorobenzene	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
54	Diethyl phthalate	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
57	Chlorophenyl-4 phenyl ether	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
59	Fluorenes, C1-C3	ppb		Actual					625	SVOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
60	Dinitro-o-cresol Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
64	Bromophenyl-4 phenyl ether Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
65	Hexachlorobenzene Acceptable Range	ppb 0.00000 - 1.00000 ppb		Actual					625	SVOC-2
67	n-Nitrosodiphenylamine Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
68	Pentachlorophenol (PCP) Acceptable Range	ppb 0.00000 - 1.00000 ppb		Actual					625	SVOC-2
7	bis(2-chloroethyl) ether Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
70	Phenanthrenes, C1-C4 Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
71	Anthracene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
72	Dibutyl phthalate Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
73	Fluoranthenes, C1-C4 Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
74	Benzidine Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
75	Pyrene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
77	Butyl benzyl phthalate Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
78	bis(2-ethylhexyl) phthalate (DEHP) Acceptable Range	ppb 0.00000 - 6.00000 ppb		Actual					625	SVOC-2
79	Dichlorobenzidine, 3,3'- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
8	Chlorophenol-2 Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
80	Benzo[a]anthracene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
81	Chrysenes C1-C4 Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
82	bis(n-octyl) Phthalate Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
84	Benzo[b]fluoranthene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
85	Benzo[k]fluoranthene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
86	Benzo[a]pyrene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
89	Indeno[1,2,3-cd]pyrene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
9	1,3-Dichlorobenzene Acceptable Range	ppb 0.00000 - 600.00000 ppb		Actual					625	SVOC-2
90	Dibenzo[a,h]anthracene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
91	Benzo[g,h,i]perylene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
92	Chlorobenzene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
93	Trichlorobenzene, 1,2,3- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
94	Trichlorobenzene, 1,3,5- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2
95	Tetrachlorobenzene, 1,2,3,4- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					625	SVOC-2

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC-1	VOC's in Water - 8260B	Sample	Water				N

Citations USEPA, 1998, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition, Final Update III., USEPA, SW-846_III

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Tetrachloroethane, 1,1,1,2-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
10	1,2,4-Trichlorobenzene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 70.00000	ppb							
11	Trimethylbenzene, 1,2,4-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
12	1,2-Dibromo-3-chloropropane (DBCP)	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 0.20000	ppb							
13	Ethylene dibromide (EDB)	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 0.05000	ppb							
14	1,2-Dichlorobenzene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 600.00000	ppb							
15	Dichloroethane, 1,2-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 5.00000	ppb							
16	Dichloropropane, 1,2-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 5.00000	ppb							
17	Trimethylbenzene, 1,3,5-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
18	1,3-Dichlorobenzene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 600.00000	ppb							
19	Dichloropropane, 1,3-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
2	Trichloroethane, 1,1,1-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 200.00000	ppb							
20	1,4-Dichlorobenzene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
21	Dichloropropane, 2,2- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
22	Chlorotoluene, 2- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
23	Chlorotoluene, 4- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
24	Benzene Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					8260B	VOC-1
25	Monobromobenzene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
26	Chlorobromomethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
27	Dichlorobromomethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
28	Bromoform Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
29	Methyl bromide Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
3	Tetrachloroethane, 1,1,2,2- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
30	Carbon tetrachloride Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					8260B	VOC-1
31	Chlorobenzene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
32	Chloroethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
33	Chloroform Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
34	Methyl chloride Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
35	Dichloroethylene, cis-1,2-	ppb		Actual					8260B	VOC-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	retired (use CIS-1,2-DICHLO)									
	Acceptable Range	0.00000 - 70.00000	ppb							
36	cis-1,3-Dichloropropene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
37	Chlorodibromomethane	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
38	Dibromomethane	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
39	Dichlorodifluoromethane	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
4	Trichloroethane, 1,1,2-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 5.00000	ppb							
40	Ethylbenzene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 700.00000	ppb							
41	Hexachlorobutadiene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
42	Cumene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
43	MTBE, Methyl tertiary butyl ether	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
44	Dichloromethane	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 5.00000	ppb							
45	Butyl benzene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
46	Propylbenzene, n-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
47	Naphthalene	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 100.00000	ppb							
48	Xylene, o-	ppb		Actual					8260B	VOC-1
	Acceptable Range	0.00000 - 10.00000	ppb							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
49	Xylene, m- Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					8260B	VOC-1
5	Dichloroethane, 1,1- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
50	Xylene, p- Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					8260B	VOC-1
51	Cymene ***retired*** (use p-Cymene) Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
52	Butylbenzene, sec- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
53	Styrene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
54	Butylbenzene, tert- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
55	Tetrachloroethylene Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					8260B	VOC-1
56	Toluene Acceptable Range	ppb 0.00000 - 1,000.00000 ppb		Actual					8260B	VOC-1
57	trans-1,2-Dichloroethylene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
58	trans-1,3-Dichloropropene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
59	Trichloroethylene Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					8260B	VOC-1
6	1,1-Dichloroethylene Acceptable Range	ppb 0.00000 - 7.00000 ppb		Actual					8260B	VOC-1
60	Trichlorofluoromethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
61	Vinyl chloride Acceptable Range	ppb 0.00000 - 2.00000 ppb		Actual					8260B	VOC-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
7	Dichloropropene, 1,1- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
8	Trichlorobenzene, 1,2,3- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1
9	Trichloropropane, 1,2,3- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					8260B	VOC-1

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC-2	VOC's in Water - 624	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
14	1,2-Dichlorobenzene Acceptable Range	ppb 0.00000 - 600.00000 ppb		Actual					624	VOC-2
15	Dichloroethane, 1,2- Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					624	VOC-2
16	Dichloropropane, 1,2- Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					624	VOC-2
18	1,3-Dichlorobenzene Acceptable Range	ppb 0.00000 - 600.00000 ppb		Actual					624	VOC-2
2	Trichloroethane, 1,1,1- Acceptable Range	ppb 0.00000 - 200.00000 ppb		Actual					624	VOC-2
20	1,4-Dichlorobenzene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					624	VOC-2
24	Benzene Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					624	VOC-2
27	Dichlorobromomethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					624	VOC-2
28	Bromoform	ppb		Actual					624	VOC-2

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100.00000 ppb								
29	Methyl bromide	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
3	Tetrachloroethane, 1,1,2,2-	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
30	Carbon tetrachloride	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 5.00000 ppb								
31	Chlorobenzene	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
32	Chloroethane	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
33	Chloroform	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
34	Methyl chloride	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
36	cis-1,3-Dichloropropene	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
37	Chlorodibromomethane	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 100.00000 ppb								
4	Trichloroethane, 1,1,2-	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 5.00000 ppb								
40	Ethylbenzene	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 700.00000 ppb								
43	MTBE, Methyl tertiary butyl ether	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 20.00000 ppb								
44	Dichloromethane	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 5.00000 ppb								
48	Xylene, o-	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 10.00000 ppb								
49	Xylene, m-	ppb		Actual					624	VOC-2
	Acceptable Range	0.00000 - 10.00000 ppb								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
5	Dichloroethane, 1,1- Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					624	VOC-2
50	Xylene, p- Acceptable Range	ppb 0.00000 - 10.00000 ppb		Actual					624	VOC-2
53	Styrene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					624	VOC-2
55	Tetrachloroethylene Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					624	VOC-2
56	Toluene Acceptable Range	ppb 0.00000 - 1,000.00000 ppb		Actual					624	VOC-2
57	trans-1,2-Dichloroethylene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					624	VOC-2
58	trans-1,3-Dichloropropene Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					624	VOC-2
59	Trichloroethylene Acceptable Range	ppb 0.00000 - 5.00000 ppb		Actual					624	VOC-2
6	1,1-Dichloroethylene Acceptable Range	ppb 0.00000 - 7.00000 ppb		Actual					624	VOC-2
60	Trichlorofluoromethane Acceptable Range	ppb 0.00000 - 100.00000 ppb		Actual					624	VOC-2
61	Vinyl chloride Acceptable Range	ppb 0.00000 - 2.00000 ppb		Actual					624	VOC-2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ-1	Water Quality Parameters	Sample	Water				N
Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Carbonate as CaCO3	ppm		Actual					310.1	WQ-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 300.00000 ppm								
2	Chloride	ppm		Actual					300(B)	WQ-1
	Acceptable Range	0.00000 - 250.00000 ppm								
3	Color, True	PCU		Actual					110.2	WQ-1
	Acceptable Range	0.00000 - 15.00000 PCU								
4	Specific conductance	umho/cm		Actual		Wet			120.1	WQ-1
	Acceptable Range	1.00000 - 1,000.00000 umho/cm								
5	Sulfur, sulfate (SO4) as SO4	ppm		Actual					300(B)	WQ-1
	Acceptable Range	0.00000 - 250.00000 ppm								
6	Solids, Total Suspended (TSS)	ppm		Actual					160.1	WQ-1
	Acceptable Range	0.00000 - 500.00000 ppm								
7	Solids, Total Suspended (TSS)	ppm		Actual					160.2	WQ-1
	Acceptable Range	0.00000 - 500.00000 ppm								
8	Turbidity	NTU		Actual					180.1	WQ-1
	Acceptable Range	0.00000 - 5.00000 NTU								
9	Carbon, Total Organic (Toc)	PPM		Actual						WQ-1
	Acceptable Range	0.00000 - 100.00000 PPM								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
001	test	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Sand			Actual						
	Dissolved oxygen (DO)			Actual						
	Salinity			Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	Water Quality Parameters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DISSO2	Dissolved oxygen (DO)	mg/l		Actual						
DO SAT	Dissolved oxygen saturation	%		Actual						
PH	pH	None		Actual						
SALINITY	Salinity	ppt	Total	Actual						
SCONDUCT	Specific conductance	uS/cm		Actual					120.1	
SECCHI	Depth, Secchi Disk Depth	in		Actual						
SECCI	Depth, Secchi Disk Depth	in		Actual						
TEMPW	Temperature, water	deg C		Actual					2550	
	Density									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELDA	Field air	Field Msr/Obs	Air				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TEMPA	Temperature, air	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAB	Water Quality Parameters	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACIDITY	Acidity as CaCO3	mg/l	Total	Actual					305.1	
ALKALIN	Alkalinity, Hydroxide as CaCO3	mg/l	Total	Actual						
ALKALINITY	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					2320	
ALPHA	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L		Actual					900	
BETA	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L		Actual					900	
CARBON14	Carbon-14	umol/m2/s		Actual						
CARPAR	Carbon, organic plus inorganic (TC) **Retired	mg/l	Filterable	Actual					160.1	
CHLOR-A	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
CHLORIDE	Chloride	mg/l	Total	Actual					325.2	
CHROMIUM	Chromium, hexavalent	ug/l	Dissolved	Actual					3500-CR(D)	
COLIFORM	Fecal Coliform	#/100ml	Total	Actual					9222-D	
CONDUCT	Specific conductance	uS/cm		Actual					120.1	
COPPERD	Copper	ug/l	Dissolved	Actual					200.7(W)	
COPPERT	Copper	ug/l	Total	Actual					200.7(W)	
DISORCAR	Carbon, organic	mg/l	Dissolved	Actual					415.1	
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOSATUR	Dissolved oxygen saturation	%		Actual						
E. COLI	Escherichia coli	#/100ml	Total	Actual					1103.1	
HARDNESS	Hardness, carbonate	mg/l	Total	Actual					130.2	
KJELDAHL	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
LIGHTATTEN	Light attenuation at measurement depth	umol/S/m2		Actual						
NH3-N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
NITROSUL	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Actual					351.2	
NO2+NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
NO2+NO3D	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual						
NO2-N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					354.1	
NO2-NDIS	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual						
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
ORGOCARD	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					415.1	
ORGOCART	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
ORTHOPHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PH	pH	None		Actual					160.1	
PHEOPHYT	Pheophytin-a	ug/l	Total	Actual					10200-H	
PHOSPHOR	Phosphorus as P	mg/l	Total	Actual					365.1	
SALINITY	Salinity	ppt	Total	Actual						
SECCHI DEPTH	Depth, Secchi Disk Depth	m		Actual						
SILICAD	Silica	mg/l	Dissolved	Actual						
SIO2	Silica	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SODIUM	Sodium	ug/l	Total	Actual					200.7(W)	
TDS	Solids, Total	mg/l	Dissolved	Actual					160.2	
	Acceptable Range	0.00000 - 90,000.00000 mg/l								
TEMPA	Temperature, air	deg C		Actual						
TEMPW	Temperature, water	deg C		Actual						
TENTEROC	Enterococcus Group Bacteria	#/100ml	Total	Actual						
TRITIUM	Tritium	pCi/L		Actual					906	
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.1	
TURBID	Turbidity	FTU		Actual					180.1	
	Acceptable Range	0.50000 - 1,000.00000 FTU								
ULTBOD	BOD, ultimate	mg/l		Actual						
VOLATILE	Solids, Fixed	mg/l	Volatile	Actual						
ZINCDIS	Zinc	ug/l	Dissolved	Actual					200.7(W)	
ZINCTOT	Zinc	ug/l	Total	Actual					200.7(W)	
	Light attenuation coefficient									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METAL	Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Mercury									
	Lead									
	Chromium									
	Cadmium									
	Beryllium									
	Arsenic									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Antimony									
	Nickel									
	Thallium									
	Sodium									
	Silver									
	Selenium									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC	Volatile Organic Chemicals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1112TECE	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					525.1	
111TRCE	Trichloroethane, 1,1,1-	ug/l	Total	Actual					525.1	
1122TECE	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					525.1	
112TRCE	Trichloroethane, 1,1,2-	ug/l	Total	Actual					525.1	
11DCE	Dichloroethane, 1,1-	ug/l	Total	Actual					525.1	
11DCEE	Dichloroethene (all isomers)	ug/l	Total	Actual					525.1	
11DCETHE	1,1-Dichloroethylene	ug/l	Total	Actual					525.1	
12-XYLEN	Xylene, o-	ug/l	Total	Actual					525.1	
123TRCB	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					525.1	
123TRCP	Trichloropropane, 1,2,3-	ug/l	Total	Actual					525.1	
124TRCB	1,2,4-Trichlorobenzene	ug/l	Total	Actual					525.1	
124TRMB	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					525.1	
12DCB	1,2-Dichlorobenzene	ug/l	Total	Actual						
12DCBENZ	1,3-Dichlorobenzene	ug/l	Total	Actual					525.1	
12DCE	Dichloroethane, 1,2-	ug/l	Total	Actual					525.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
12DCP	Dichloropropane, 1,2-	ug/l	Total	Actual					525.1	
13-XYLEN	Xylene, m-	ug/l	Total	Actual					525.1	
135TRMB	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					525.1	
13DCB	1,3-Dichlorobenzene	ug/l	Total	Actual					525.1	
13DCBENZ	1,2-Dichlorobenzene	ug/l	Total	Actual						
13DCP	Dichloropropane, 1,3-	ug/l	Total	Actual					525.1	
14-XYLEN	Xylene, p-	ug/l	Total	Actual	Mean		24 Hours	15 Deg C	525.1	
	Acceptable Range	0.00000 - 10.00000 ug/l								
14DCB	1,4-Dichlorobenzene	ug/l	Total	Actual					525.1	
14DCBENZ	1,4-Dichlorobenzene	ug/l	Total	Actual					525.1	
15-XYLEN	Xylenes, m- & p- Mix	ug/l	Total	Actual					525.1	
2CT	Chlorotoluene, 2-	ug/l		Actual						
4CT	Chlorotoluene, 4-	ug/l		Actual						
ACETONE	Acetone	ug/l	Total	Actual						
BENZENE	Benzene	ug/l	Total	Actual						
BRO-BENZ	Monobromobenzene	ug/l	Total	Actual						
BRO-FORM	Bromoform	ug/l	Total	Actual						
BRO-METH	Methyl bromide	ug/l	Total	Actual						
C12DCE	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					525.1	
C13DCP	cis-1,3-Dichloropropene	ug/l	Total	Actual					525.1	
CAR-TEC	Carbon tetrachloride	ug/l	Total	Actual					525.1	
CHLO-BEN	Chlorobenzene	ug/l	Total	Actual						
CHLO-ETH	Chloroethane	ug/l	Total	Actual						
CHLOBENZ	Chlorobenzene	ug/l	Total	Actual						
CHLOFORM	Chloroform	ug/l	Total	Actual						
CHLOMETH	Methyl chloride	ug/l	Total	Actual						

Characteristic Group Details

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31DELRBC

Delaware River Basin Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DBCMETH	Chlorodibromomethane	ug/l	Total	Actual						
DBCP	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					525.1	
DBMETH	Dibromomethane	ug/l	Total	Actual						
DCBMETH	Dichlorobromomethane	ug/l	Total	Actual						
DCDFMETH	Dichlorodifluoromethane	ug/l	Total	Actual						
DCMETH	Dichloromethane	ug/l	Total	Actual					525.1	
DIPROPE	Dichloropropene, 1,3-	ug/l	Total	Actual					525.1	
EDB	Ethylene dibromide (EDB)	ug/l	Total	Actual					504	
ETH-BENZ	Ethylbenzene	ug/l	Total	Actual						
HCBUTADI	Hexachlorobutadiene	ug/l	Total	Actual					525.1	
ISOPBENZ	Cumene	ug/l	Total	Actual					525.1	
MTBE	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					525.1	
NAPHTHAL	Naphthalene	ug/l	Total	Actual					525.1	
NBUTBENZ	Butyl benzene	ug/l	Total	Actual						
NPROBENZ	Propylbenzene, n-	ug/l	Total	Actual					525.1	
SBUTBENZ	Butylbenzene, sec-	ug/l		Actual						
STYRENE	Styrene	ug/l	Total	Actual						
T12DCETH	trans-1,2-Dichloroethylene	ug/l	Total	Actual					525.1	
T13DCPRO	trans-1,3-Dichloropropene	ug/l	Total	Actual					525.1	
TBUTBENZ	Butylbenzene, tert-	ug/l		Actual						
TECETHYL	Tetrachloroethylene	ug/l	Total	Actual						
TOLUENE	Toluene	ug/l	Total	Actual						
TRCETHYL	Trichloroethylene	ug/l	Total	Actual						
TRCFMETH	Trichlorofluoromethane	ug/l	Total	Actual						
VINYCHLO	Vinyl chloride	ug/l	Total	Actual						
XYLENES	Xylenes mix of m + o + p	ug/l	Total	Actual					525.1	

Characteristic Group Details

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31DRBCSP

Delaware River Basin Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AIRMSR	Air Measurements	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIRTEMPC	Temperature, air	deg C		Actual					170.1	
AIRTEMPF	Temperature, air	deg F		Actual					170.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BUGDELR	Macroinvertebrates - River	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BUGTRIB	Macroinvertebrates - Tribs	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DEWACHEM	DEWA Chemical Analysis	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FECAL	Fecal Coliform	#/100ml	Total	Estimated					9222-D	
TURBID	Turbidity	NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DEWAMSR	DEWA Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CONDUCT	Specific conductance	uS/cm		Actual						
DISCHARG	Flow	cfs		Calculated	Mean		1 Day		FLOW	

Characteristic Group Details

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31DRBCSP Delaware River Basin Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.50000 - 100,000.00000 cfs								
DO	Dissolved oxygen (DO)	mg/l		Actual						
H20TEMP	Temperature, water	deg C		Actual						
PH	pH	None		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIXCHEM	Chemistry Sites - Sampled	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.2(C)	
CHLORIDE	Chloride	mg/l	Total	Actual					300(A)	
CHLORO A	Chlorophyll (a+b+c)	mg/m3	Total	Actual					10200-H	
DISS P	Phosphorus as P	mg/l	Dissolved	Actual					US EPA 365.1	
	Acceptable Range	0.01000 - 10.00000 mg/l								
E COLI	Escherichia coli	#/100ml	Total	Actual	Mean				1103.1	
ENTERO	Enterococcus Group Bacteria	#/100ml		Actual						
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
HARDNESS	Hardness, carbonate	mg/l	Total	Actual					130.1	
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					300(A)	
NITRITE	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual					300(A)	
NO2NO3 N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.02000 - 10.00000 mg/l								

Characteristic Group Details

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31DRBCSP

Delaware River Basin Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ORTHO P	Phosphorus, orthophosphate as PO4	mg/l		Actual					365.2	
PHEOPHYT	Pheophytin-a	mg/m3	Total	Actual						
TDS	Solids, Dissolved	mg/l		Actual					160.1_M	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	
TOTAL CHL	Chlorophyll a, corrected for pheophytin	ug/l		Actual					USEPA 445.0	
	Acceptable Range	0.51000 - 50.00000 ug/l								
TOTAL P	Phosphorus as P	mg/l	Total	Actual					365.2	
TOTALCOL	Total Coliform	#/100ml	Total	Actual					9222-B	
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					160.2_M	
TURBID	Turbidity	NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIXSITE	Chemistry Sites - Field Measmt	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CONDUCT	Specific conductance	umho/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
DOSAT%	Dissolved oxygen (DO)	%		Calculated						
DOSATVAL	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated						
FLOW	Flow	cfs		Calculated					FLOW	
GAGE HT	Elevation, water surface, MSL	ft		Actual						
H20TEMPC	Temperature, water	deg C		Actual					2550	
H20TEMPF	Temperature, water	deg F		Calculated					2550	
PH	pH	None		Actual					4500-H	

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31DRBCSP

Delaware River Basin Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UPDECHEM	UPDE Chemical Analysis	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FECAL	Fecal Coliform	#/100ml	Total	Estimated					9222-D	
TURBID	Turbidity	NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UPDEMSR	UPDE Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CONDUCT	Specific conductance	uS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
GAGEHT	Elevation, water surface, MSL	ft		Actual						
H2OTEMP	Temperature, water	deg C		Actual						
PH	pH	None		Actual						

Characteristic Group Details

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31ISC2RS

Interstate Sanitation Commission (New York)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
45646	GJHGLGG	Field Msr/Obs	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					
Description		HBJKJHJDFD					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2397	Floating debris - severity (choice list)									
2860	Salinity	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 100.00000 mg/l								
3453	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 20.00000 mg/l								
5786	Depth	m		Actual					ISC-SOP-40	
	Acceptable Range	0.00000 - 100.00000 m								
6786	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	0.00000 - 100.00000 deg C								
	Sea Waves Severity									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CCCC	CATILYN	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth	ft		Actual					ISC-SOP-40	
	Acceptable Range	0.00000 - 100.00000 ft								
2	Depth, Secchi Disk Depth	ft		Actual					ISC-SOP-55	
	Floating debris - severity (choice list)									
	Dissolved oxygen (DO)									
	Sea Waves Severity									

Characteristic Group Details

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31ISC2RS

Interstate Sanitation Commission (New York)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Salinity									
	Temperature, water									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PATH01	Pathogen data	Field Msr/Obs	Water				N
	Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Salinity	ppt		Actual					2520-B	
	Acceptable Range	0.00000 - 100.00000 ppt								
2	Temperature, water	deg C		Actual					170.1	
3	Cloud cover	%		Estimated					ISC-SOP-39	
	Acceptable Range	0.00000 - 100.00000 %								
4	Sea Waves Severity								ISC-SOP-38	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PATH02	Pathogen Source Monitoring	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	pH	None		Actual						
2	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PATH07	Pathogen Monitoring	Sample	Water				N

Characteristic Group Details

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31ISC2RS

Interstate Sanitation Commission (New York)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Fecal Coliform	MPN		Actual					SOP XI	
2	Total Coliform	MPN		Actual					SOP XI	
3	Enterococcus Group Bacteria	MPN		Actual					SOP XIA	
4	Escherichia coli	MPN		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PATHOGEN	Pathogen Sampling	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Fecal Coliform	MPN		Estimated	MPN				SOP XI	
	Acceptable Range	0.00000 - 24,000,000.00000 MPN								
2	Total Coliform	MPN		Estimated	MPN				SOP XI	
	Acceptable Range	0.00000 - 24,000,000.00000 MPN								
3	Fecal Streptococcus Group Bacteria	MPN		Estimated	MPN				SOP XIA	
	Acceptable Range	0.00000 - 24,000,000.00000 MPN								
4	Enterococcus Group Bacteria	MPN		Estimated	MPN				SOP XIA	
	Acceptable Range	0.00000 - 24,000,000.00000 MPN								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
W-Q-M	Water quality measurements	Field Msr/Obs	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Description Values for dissolved oxygen, salinity, temperature, depth, bottom depth, floating debris, sea waves and cloud cover.

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Interstate Sanitation Commission (New York)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth Acceptable Range	m 0.00000 - 100.00000 m		Actual					ISC-SOP-40	
2	Temperature, water Acceptable Range	deg C 0.00000 - 100.00000 deg C		Actual					170.1	
3	Salinity Acceptable Range	ppt 0.00000 - 100.00000 ppt	Total	Actual					2520-B	
4	Dissolved oxygen (DO) Acceptable Range	mg/l 0.00000 - 15.00000 mg/l	Dissolved	Actual					360.1	
5	Cloud cover Acceptable Range	% 0.00000 - 100.00000 %		Estimated						
6	Sea Waves Severity									
7	Floating debris - severity (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
W-Q-M-2	Chlorophyll a	Sample	Water				N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					
	Description	Chlorophyll a determination					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOROPH	Chlorophyll a, uncorrected for pheophytin Acceptable Range	ug/l 0.00000 - 100.00000 ug/l	Total	Actual					10200-H	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
W-Q-M-3	Water Quality Measurements	Field Msr/Obs	Water				N
		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition.,					

Characteristic Group Details

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31ISC2RS

Interstate Sanitation Commission (New York)

Citations American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth Acceptable Range	m 0.00000 - 200.00000 m		Actual					ISC-SOP-40	
2	Temperature, water Acceptable Range	deg C 0.00000 - 100.00000 deg C		Actual					170.1	
3	Salinity Acceptable Range	ppt 0.00000 - 100.00000 ppt	Total	Actual					2520-B	
4	Dissolved oxygen (DO) Acceptable Range	mg/l 0.00000 - 20.00000 mg/l	Dissolved	Actual					360.1	
5	Cloud cover Acceptable Range	% 0.00000 - 100.00000 %		Estimated					ISC-SOP-39	
6	Sea Waves Severity								ISC-SOP-38	
7	Depth, Secchi Disk Depth Acceptable Range	m 0.00000 - 100.00000 m		Actual					ISC-SOP-55	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
W-Q-M-HR	Water Quality Field Parameters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual						
2	Salinity	ppt		Actual						
3	Dissolved oxygen (DO)	mg/l		Actual						
4	pH	None		Actual						
5	Depth, Secchi Disk Depth	ft		Actual					ISC-SOP-55	

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31ORWUNT

Ohio River Sanitation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTPAR	Bacteria Parameters	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Fecal Coliform	CFU	Filterable	Calculated					9222D	9222D
	Acceptable Range	1.00000 - 100,000.00000 CFU								
2	Escherichia coli	CFU	Filterable	Calculated					9213D	9213D
	Acceptable Range	1.00000 - 100,000.00000 CFU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CLEANMET	Clean Metals Parameters	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Magnesium	mg/l	Total	Actual					1638	
	Acceptable Range	1.00000 - 40.00000 mg/l								
10	Aluminum	ug/l	Total	Actual					1638	
	Acceptable Range	1.00000 - 20,000.00000 ug/l								
11	Barium	ug/l	Total	Actual					1638	
	Acceptable Range	10.00000 - 300.00000 ug/l								
12	Chromium	ug/l	Total	Actual					1638	
	Acceptable Range	0.10000 - 40.00000 ug/l								
13	Nickel	ug/l	Total	Actual					1638	
	Acceptable Range	0.10000 - 60.00000 ug/l								
14	Selenium	ug/l	Total	Actual					1638	
	Acceptable Range	0.50000 - 10.00000 ug/l								
15	Silver	ug/l	Total	Actual					1638	
	Acceptable Range	0.10000 - 5.00000 ug/l								
16	Antimony	ug/l	Total	Actual					1638	
	Acceptable Range	0.50000 - 10.00000 ug/l								

Characteristic Group Details

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Ohio River Sanitation Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Calcium Acceptable Range	mg/l	Total	Actual					1638	
		1.00000 - 100.00000 mg/l								
18	Thallium Acceptable Range	ug/l	Total	Actual					1638	
		0.10000 - 2.00000 ug/l								
19	Hardness, carbonate Acceptable Range	mg/l	Total	Calculated					1638	
		6.00000 - 400.00000 mg/l								
2	Cadmium Acceptable Range	ug/l	Total	Actual					1638	
		0.10000 - 5.00000 ug/l								
20	Magnesium Acceptable Range	mg/l	Dissolved	Actual					1638	
		1.00000 - 40.00000 mg/l								
21	Cadmium Acceptable Range	ug/l	Dissolved	Actual					1638	
		0.10000 - 2.00000 ug/l								
22	Copper Acceptable Range	ug/l	Dissolved	Actual					1638	
		0.10000 - 15.00000 ug/l								
23	Iron Acceptable Range	ug/l	Dissolved	Actual					1638	
		50.00000 - 200.00000 ug/l								
24	Lead Acceptable Range	ug/l	Dissolved	Actual					1638	
		0.10000 - 2.00000 ug/l								
25	Manganese Acceptable Range	ug/l	Dissolved	Actual					1638	
		0.10000 - 1,000.00000 ug/l								
26	Mercury Acceptable Range	ng/l	Dissolved	Actual					245.1	
		1.50000 - 10.00000 ng/l								
27	Zinc Acceptable Range	ug/l	Dissolved	Actual					1638	
		1.00000 - 25.00000 ug/l								
28	Arsenic Acceptable Range	ug/l	Dissolved	Actual					1638	
		0.10000 - 10.00000 ug/l								
29	Aluminum Acceptable Range	ug/l	Dissolved	Actual					1638	
		1.00000 - 60.00000 ug/l								
3	Copper Acceptable Range	ug/l	Total	Actual					1638	
		0.10000 - 50.00000 ug/l								
30	Barium	ug/l	Dissolved	Actual					1638	

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Ohio River Sanitation Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	10.00000 - 200.00000 ug/l								
31	Chromium	ug/l	Dissolved	Actual					1638	
	Acceptable Range	1.00000 - 5.00000 ug/l								
32	Nickel	ug/l	Dissolved	Actual					1638	
	Acceptable Range	0.10000 - 20.00000 ug/l								
33	Selenium	ug	Dissolved	Actual					1638	
	Acceptable Range	0.50000 - 10.00000 ug								
34	Silver	ug	Dissolved	Actual					1638	
	Acceptable Range	0.10000 - 3.00000 ug								
35	Antimony	ug/l	Dissolved	Actual					1638	
	Acceptable Range	0.50000 - 2.00000 ug/l								
36	Calcium	mg/l	Dissolved	Actual					1638	
	Acceptable Range	1.00000 - 100.00000 mg/l								
37	Thallium	ug/l	Dissolved	Actual					1638	
	Acceptable Range	0.10000 - 2.00000 ug/l								
38	Hardness, carbonate	mg/l	Dissolved	Calculated					1638	
	Acceptable Range	6.00000 - 400.00000 mg/l								
4	Iron	ug/l	Total	Actual					1638	
	Acceptable Range	50.00000 - 40,000.00000 ug/l								
5	Lead	ug/l	Total	Actual					1638	
	Acceptable Range	0.10000 - 90.00000 ug/l								
6	Manganese	ug/l	Total	Actual					1638	
	Acceptable Range	0.10000 - 4,000.00000 ug/l								
7	Mercury	ng/l	Total	Actual					245.1	
	Acceptable Range	1.50000 - 150.00000 ng/l								
8	Zinc	ug/l	Total	Actual					1638	
	Acceptable Range	1.00000 - 250.00000 ug/l								
9	Arsenic	ug/l	Total	Actual					1638	
	Acceptable Range	0.10000 - 15.00000 ug/l								

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Ohio River Sanitation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
NUTRIENT	Nutrient Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Ammonia, unionized Acceptable Range	mg/l 0.03000 - 1.00000 mg/l	Total	Actual					350.3	
2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l 0.02000 - 10.00000 mg/l	Total	Actual						
3	Phosphorus Acceptable Range	mg/l 0.01000 - 1.00000 mg/l	Total	Actual					365.3	
4	Nitrogen, Kjeldahl Acceptable Range	mg/l 0.20000 - 20.00000 mg/l	Total	Actual					4500-NOR(B)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PARAM	final parameters Bimonthly	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Solids, Total Suspended (TSS) Acceptable Range	mg/l 1.00000 - 500.00000 mg/l	Suspended	Actual					160.2	
10	Cadmium Acceptable Range	ug/l 0.50000 - 10.00000 ug/l	Total	Actual					200.8	200.2
11	Copper Acceptable Range	ug/l 5.00000 - 30.00000 ug/l	Total	Actual					200.8	200.2
12	Iron Acceptable Range	ug/l 100.00000 - 100,000.00000 ug/l	Total	Actual					200.7	200.2
13	Lead Acceptable Range	ug/l 1.00000 - 20.00000 ug/l	Total	Actual					200.8	200.2
14	Manganese	ug/l	Total	Actual					200.8	200.2

Characteristic Group Details

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31ORWUNT

Ohio River Sanitation Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	10.00000 - 1,500.00000 ug/l								
15	Mercury	ug/l	Total	Actual					245.1	245.1
	Acceptable Range	0.20000 - 2.00000 ug/l								
16	Zinc	ug/l	Total	Actual					200.8	
	Acceptable Range	20.00000 - 500.00000 ug/l								
17	Arsenic	ug/l	Total	Actual					200.8	200.2
	Acceptable Range	4.00000 - 10.00000 ug/l								
18	Aluminum	ug/l	Total	Actual					200.7	
	Acceptable Range	100.00000 - 50,000.00000 ug/l								
19	Chloride	mg/l	Total	Actual					325.3	
	Acceptable Range	1.00000 - 300.00000 mg/l								
2	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					8051	
	Acceptable Range	1.00000 - 300.00000 mg/l								
20	Barium	ug/l	Total	Actual					200.7	200.2
	Acceptable Range	20.00000 - 300.00000 ug/l								
21	Chromium	ug/l	Total	Actual					200.8	200.2
	Acceptable Range	2.00000 - 10.00000 ug/l								
22	Nickel	ug/l	Total	Actual					200.8	200.2
	Acceptable Range	5.00000 - 20.00000 ug/l								
23	Selenium	ug/l	Total	Actual					200.8	200.2
	Acceptable Range	4.00000 - 10.00000 ug/l								
24	Silver	ug/l	Total	Actual					200.8	200.2
	Acceptable Range	0.50000 - 20.00000 ug/l								
25	Chromium, hexavalent	ug/l	Total	Actual					3500CR D	3500CR D
	Acceptable Range	10.00000 - 15.00000 ug/l								
26	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
	Acceptable Range	0.50000 - 30.00000 mg/l								
27	pH	None	Total	Actual					8156	
	Acceptable Range	1.00000 - 14.00000 None								
28	Temperature, water	deg C		Actual						

Characteristic Group Details

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31ORWUNT

Ohio River Sanitation Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
29	Specific conductance	umho/cm		Actual						
3	Hardness, carbonate	mg/l	Total	Actual					130.2	
	Acceptable Range	1.00000 - 600.00000 mg/l								
30	Dissolved oxygen (DO)	mg/l		Actual						
31	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NOR(B)	
	Acceptable Range	0.20000 - 20.00000 mg/l								
4	Phosphorus	mg/l	Total	Actual					365.3	
	Acceptable Range	0.01000 - 1.00000 mg/l								
5	Ammonia, unionized	mg/l	Total	Actual					350.3	
	Acceptable Range	0.03000 - 1.00000 mg/l								
6	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
	Acceptable Range	0.02000 - 10.00000 mg/l								
7	Phenols (mixture)	ug/l	Total	Actual					420.1	
	Acceptable Range	5.00000 - 15.00000 ug/l								
8	Cyanide	mg/l	Total	Actual					325.3	
	Acceptable Range	0.00500 - 0.10000 mg/l								
9	Magnesium	mg/l	Total	Actual					200.7	200.2
	Acceptable Range	0.10000 - 50.00000 mg/l								

Characteristic Group Details

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42SRBCWQ

Susquehanna River Basin Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLD01	Standard Field Analysis 01	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					TEMP-FLD	
00061	Flow	cfs		Actual					USGS-FLOW	
00094	Specific conductance	umho/cm	Total	Actual					SPCOND-FLD	
00295	Dissolved oxygen (DO)	mg/l	Total	Actual					DO-FLD	
00400	pH	None	Total	Actual					PH-FLD	
	Acceptable Range	1.00000 - 14.00000	None							
00410	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					ALK-FLD	
00435	Acidity as CaCO3	mg/l	Total	Actual					ACID-FLD	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SAC-685	Standard Analysis 685	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00500	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2_M	
00515	Solids, Dissolved	mg/l	Total	Actual					160.1_M	
00600	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Actual					4500-N-D	
00602	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Dissolved	Actual					4500-N-D	
00608	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	
00610	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
00613	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	

Characteristic Group Details

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42SRBCWQ

Susquehanna River Basin Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00100 - 10.00000 mg/l								
00615	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					354.1	
00618	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					352.1	
	Acceptable Range	0.00100 - 20.00000 mg/l								
00620	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					352.1	
	Acceptable Range	0.00100 - 20.00000 mg/l								
00665	Phosphorus as P	mg/l	Total	Actual					365.3	
00666	Phosphorus as P	mg/l	Dissolved	Actual					365.3	
00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.2	
00916	Calcium	mg/l	Total	Actual					215.2	
00927	Magnesium	mg/l	Total	Actual					200.7(W)	
00940	Chloride	mg/l	Total	Actual					325.2	
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
01045	Iron	ug/l	Total	Actual					200.7(W)	
01046	Iron	ug/l	Dissolved	Actual					200.7(W)	
01055	Manganese	ug/l	Total	Actual					200.7(W)	
01056	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01105	Aluminum	ug/l	Total	Actual					200.7(W)	
01106	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
70507	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
82079	Turbidity	NTU	Total	Actual					180.1	

Characteristic Group Details

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ALO

Alliance For A Living Ocean

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BCBG-01	Barnegat Bay Water Monitoring	Field Msr/Obs	Water				N

Citations Carol Elliott, 1995, Monitoring Protocols for the Barnegat Bay Watch Monitoring Program, Alliance for a Living Ocean, 27 pp
Description +This is a group of direct measurements & observation which are performed bi-monthly at each station included in the BB water monitoring project.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth, Secchi Disk Depth	ft		Actual					TRANS-1	
	Acceptable Range	0.00000 - 20.00000 ft								
2	Depth	ft		Actual					BOTTOM-1	
	Acceptable Range	0.00000 - 20.00000 ft								
3	Temperature, water	deg C		Actual		Wet			TEMP-1	
	Acceptable Range	0.00000 - 45.00000 deg C								
4	pH	None	Total	Actual					PH-1	
	Acceptable Range	0.00000 - 14.00000 None								
5	Salinity	ppt	Total	Actual					SALINITY-1	
	Acceptable Range	0.00000 - 43.60000 ppt								
6	Dissolved oxygen (DO)	mg/l	Total	Actual					DO-1	
	Acceptable Range	0.00000 - 20.00000 mg/l								

Characteristic Group Details

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AQUINNAH Wampanoag Tribe of Gay Head (Aquinnah) - Massachusetts

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHEMICAL	Variety of Chemical analysis	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COD	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					8000	
	Acceptable Range	1.00000 - 15,000.00000 mg/l								
NH3-N	Nitrogen, ammonia as N	mg/l	Total	Actual					NH3-N	
	Acceptable Range	0.00100 - 1.00000 mg/l								
NO2-N	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					8507	
	Acceptable Range	0.00100 - 1.00000 mg/l								
NO3-N	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					NITRATE-N	
	Acceptable Range	0.01000 - 2.00000 mg/l								
PO4-P	Phosphorus, hydrolyzable as PO4	mg/l	Total	Actual					8048	
	Acceptable Range	0.00500 - 2.00000 mg/l								
SIO2	Silicon as SiO2	mg/l	Total	Actual					SILICA	
	Acceptable Range	0.00500 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHL-A	Chlorophyll-A, and Algae Bioma	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHL-A	Chlorophyll/Pheophytin ratio	ppb	Total	Calculated					CHLOROPHYL L-A	
	Acceptable Range	1.00000 - 100.00000 ppb								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MICRO	bacterial sampling	Sample	Water				N

Characteristic Group Details

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AQUINNAH

Wampanoag Tribe of Gay Head (Aquinnah) - Massachusetts

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ECOLI	Fecal Coliform	cfu/100ml	Total	Actual					IDEXX	
	Acceptable Range	0.10000 - 2,000.00000 cfu/100ml								
ENT	Enterococcus Group Bacteria	cfu/100ml	Total	Actual					ENTEROCOCC US	
	Acceptable Range	0.90000 - 2,000.00000 cfu/100ml								
TC	Total Coliform	cfu/100ml	Total	Actual					IDEXX	
	Acceptable Range	0.10000 - 2,000.00000 cfu/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
YSI METE	YSI 6600 water quality meter	Data Logger	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Turbidity			Actual						
	Temperature, water			Actual						
	Dissolved oxygen saturation			Actual						
	pH			Actual						

Characteristic Group Details

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ARDEQH20 Arkansas Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTERIA	Bacteriology	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition.,
American Public Health Association, 18th Edition

Description Fecal coliform

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
EFC	Fecal Coliform	#/100ml		Estimated					9222-D	
FC	Fecal Coliform	#/100ml		Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
D_METALS	Water Chemistry, Diss. Metals	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition.,
American Public Health Association, 18th Edition

Description We analyze all ambient monitoring samples for the first 20 metals included in this group. Other metals can be included in the analysis and included in this group. Hardness is calculated from Ca and Mg. It is in the Water Chemistry, routine group.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/l	Dissolved	Actual					200.8(W)	
AL	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	16.00000 - 2,000.00000 ug/l								
AR	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	1.00000 - 10.00000 ug/l								
B	Boron	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 30.00000 ug/l								
BA	Barium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	4.00000 - 826.00000 ug/l								
BE	Beryllium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.11000 - 1.00000 ug/l								
CA	Calcium	mg/l	Dissolved	Actual					200.8(W)	

Characteristic Group Details

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Arkansas Dept. of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.05000 - 500.00000 mg/l								
CD	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 5.00000 ug/l								
CO	Cobalt	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.05000 - 5.00000 ug/l								
CR	Chromium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 5.00000 ug/l								
CU	Copper	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.08000 - 5.00000 ug/l								
FE	Iron	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	1.80000 - 500.00000 ug/l								
HNS	Hardness, Ca + Mg	mg/l	Dissolved	Actual						
K	Potassium	mg/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.02000 - 10.00000 mg/l								
MG	Magnesium	mg/l	Dissolved	Actual					200.8(W)	
MN	Manganese	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.50000 - 5,000.00000 ug/l								
MO	Molybdenum	ug/l	Dissolved	Actual					200.8(W)	
NA	Sodium	mg/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 2,500.00000 mg/l								
NI	Nickel	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.30000 - 10.00000 ug/l								
PB	Lead	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 5.00000 ug/l								
SB	Antimony	ug/l	Dissolved	Actual					200.8(W)	
SE	Selenium	ug/l	Dissolved	Actual					200.8(W)	
SI	Silica	mg/l	Dissolved	Actual					200.8(W)	
TL	Thallium	ug/l	Dissolved	Actual					200.8(W)	
V	Vanadium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 25.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ZN	Zinc	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 1,250.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	Field Parameters	Sample	Water				N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					
	Description	The parameters in this group are measured in the field by the field inspector or sampler. They include DO, pH, air temperature, and water temperature.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AT	Temperature, air	deg C		Actual					2550	
DO	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
	Acceptable Range	0.00000 - 16.00000 mg/l								
PH	pH	None		Actual					4500-H	
	Acceptable Range	0.00000 - 14.00000 None								
WT	Temperature, water	deg C		Actual					2550	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	Discharge	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FL	Flow	cfs		Calculated						
GAUGE	Stream condition (text)									

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Arkansas Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
H2OPEST	Water Pesticides (1999)	Sample	Water				N

Citations USEPA, 1994, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Final Update II., USEPA, SW-846_II

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Molinate	ug/l	Total	Actual					8270C(W)	
10	BHC-beta	ug/l	Total	Actual					8270C(W)	
11	BHC-gamma (Lindane)	ug/l	Total	Actual					8270C(W)	
12	Terbutylazine	ug/l	Total	Actual					8270C(W)	
13	Diazinon	ug/l	Total	Actual					8270C(W)	
14	Fluchloralin	ug/l	Total	Actual					8270C(W)	
15	Fonofos	ug/l	Total	Actual					8270C(W)	
16	BHC-delta	ug/l	Total	Actual					8270C(W)	
17	Cyprazine	ug/l	Total	Actual					8270C(W)	
18	Metribuzin	ug/l	Total	Actual					8270C(W)	
19	Methyl parathion	ug/l	Total	Actual					8270C(W)	
2	Propachlor	ug/l	Total	Actual					8270C(W)	
20	Alachlor	ug/l	Total	Actual					8270C(W)	
21	Ametryne	ug/l	Total	Actual					8270C(W)	
22	Prometryn	ug/l	Total	Actual					8270C(W)	
23	Heptachlor	ug/l	Total	Actual					8270C(W)	
24	Terbutryn	ug/l	Total	Actual					8270C(W)	
25	Metolachlor	ug/l	Total	Actual					8270C(W)	
26	Malathion	ug/l	Total	Actual					8270C(W)	
27	Chloropyrifos	ug/l	Total	Actual					8270C(W)	
28	Cyanazine	ug/l	Total	Actual					8270C(W)	
29	Aldrin	ug/l	Total	Actual					8270C(W)	
3	Trifluralin	ug/l	Total	Actual					8270C(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
30	Pendimethalin	ug/l	Total	Actual					8270C(W)	
31	Heptachlor epoxide	ug/l	Total	Actual					8270C(W)	
32	Endosulfan, alpha-	ug/l	Total	Actual					8270C(W)	
33	DDE, p,p'-	ug/l	Total	Actual					8270C(W)	
34	Dieldrin	ug/l	Total	Actual					8270C(W)	
35	Endrin	ug/l	Total	Actual					8270C(W)	
36	Endosulfan, beta-	ug/l	Total	Actual					8270C(W)	
37	DDD, p,p'-	ug/l	Total	Actual					8270C(W)	
38	Endosulfan Sulfate	ug/l	Total	Actual					8270C(W)	
39	DDT, p,p'-	ug/l	Total	Actual					8270C(W)	
4	BHC-alpha	ug/l	Total	Actual					8270C(W)	
40	Hexazinone	ug/l	Total	Actual					8270C(W)	
41	Methoxychlor	ug/l	Total	Actual					8270C(W)	
42	Pcb-aroclor 1221	ug/l	Total	Actual					8270C(W)	
43	Pcb-aroclor 1232	ug/l	Total	Actual					8270C(W)	
44	Pcb-aroclor 1242	ug/l	Total	Actual					8270C(W)	
45	Pcb-aroclor 1248	ug/l	Total	Actual					8270C(W)	
46	Pcb-aroclor 1254	ug/l	Total	Actual					8270C(W)	
47	Pcb-aroclor 1260	ug/l	Total	Actual					8270C(W)	
48	Chlordane	ug/l	Total	Actual					8270C(W)	
5	Atraton	ug/l	Total	Actual					8270C(W)	
6	Prometone	ug/l	Total	Actual					8270C(W)	
7	Simazine	ug/l	Total	Actual					8270C(W)	
8	Atrazine	ug/l	Total	Actual					8270C(W)	
9	Propazine	ug/l	Total	Actual					8270C(W)	

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Arkansas Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ICANIONS	Water Chemistry, Anions	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					
Description		We analyze all samples for bromide, fluoride, chlroides and sulfate.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BR	Bromide	mg/l	Dissolved	Actual					300(A)	
	Acceptable Range	0.03000 - 0.10000 mg/l								
CL	Chloride	mg/l	Dissolved	Actual					300(A)	
	Acceptable Range	0.03000 - 20.00000 mg/l								
F	Fluorides	mg/l	Dissolved	Actual					300(A)	
	Acceptable Range	0.00500 - 0.20000 mg/l								
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					300(A)	
	Acceptable Range	0.32000 - 20.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat					
LAKES	Lake Parameters	Field Msr/Obs	Water				N					
Row ID		Characteristic Name		Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	ALK	Alkalinity, Carbonate as CaCO3		mg/l		Actual						
	CLORPHYL	Chlorophyll a, uncorrected for pheophytin		ug/l		Actual						
	SECCHI	Depth, Secchi Disk Depth		in		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ROUTINE	Water Chemistry, Routine	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

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ARDEQH20

Arkansas Dept. of Environmental Quality

Description The parameters in this group are water quality parameters that are run on ambient monitoring and other routine (non-compliance) water samples as well as some of our compliance samples.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AL	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
AR	Arsenic	ug/l	Dissolved	Actual					200.8(W)	
AT	Temperature, air	deg C		Actual						
B	Boron	ug/l	Dissolved	Actual					200.8(W)	
BA	Barium	ug/l	Dissolved	Actual					200.8(W)	
BE	Beryllium	ug/l	Dissolved	Actual					200.8(W)	
BOD	BOD, Biochemical oxygen demand	mg/l		Actual					5210-B	
	Acceptable Range	0.00000 - 50.00000 mg/l								
BR	Bromide	mg/l	Dissolved	Actual					300(A)	
CA	Calcium	mg/l	Dissolved	Actual						
CD	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
CL	Chloride	mg/l	Dissolved	Actual					300(A)	
CO	Cobalt	ug/l	Dissolved	Actual						
CR	Chromium	ug/l	Dissolved	Actual					200.8(W)	
CU	Copper	ug/l	Dissolved	Actual					200.8(W)	
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					4500-O-G	
EFC	Fecal Coliform	#/100ml	Total	Estimated						
F	Fluorides	mg/l	Dissolved	Actual					300(A)	
FC	Fecal Coliform	#/100ml	Total	Actual						
FE	Iron	ug/l	Dissolved	Actual					200.8(W)	
FL	Flow	cfs		Actual						
GAUGE	Stream condition (text)									
HNS	Hardness, Ca + Mg	mg/l	Dissolved	Calculated						
K	Potassium	mg/l	Dissolved	Actual						
MG	Magnesium	mg/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MN	Manganese	ug/l	Dissolved	Actual					200.8(W)	
NA	Sodium	mg/l	Dissolved	Actual					200.8(W)	
NH3	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					4500-NH3(G)	
NI	Nickel	ug/l	Dissolved	Actual					200.8(W)	
NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
O2SAT	Dissolved oxygen saturation	%		Calculated					4500-O-G	
	Acceptable Range	0.00000 - 125.00000 %								
PB	Lead	ug/l	Dissolved	Actual					200.8(W)	
PH	pH	None	Total	Actual						
PO4	Phosphorus, orthophosphate as P	mg/l		Actual						
SE	Selenium	ug/l	Dissolved	Actual					200.8(W)	
SI	Silica	mg/l	Dissolved	Actual						
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					300(A)	
TDS	Solids, Total Suspended (TSS)	mg/l	Filterable	Actual					2540-C	
	Acceptable Range	18.00000 - 3,000.00000 mg/l								
TKN	Nitrogen, Kjeldahl	mg/l		Actual						
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
	Acceptable Range	0.50000 - 50.00000 mg/l								
TP	Phosphorus as P	mg/l		Actual						
TRB	Turbidity	NTU		Actual					2130	
	Acceptable Range	0.10000 - 1,000.00000 NTU								
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					2540-D	
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
V	Vanadium	ug/l	Dissolved	Actual						
WT	Temperature, water	deg C		Actual					2550	
ZN	Zinc	ug/l	Dissolved	Actual						

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AWQDECJN Alaska Dept. of Environmental Conservation

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AAAMAPCO	aaa mapco express sept 2000	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BTEX	Benzene, Toluene, Ethyl Benzene, Xylenes mix (BTEX)	ug/l	Total	Actual						
DRO	Diesel range organics	mg/l	Total	Actual						
GRO	Gasoline range organics	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AURORA	aurora extra total fields	Field Msr/Obs	Water				N

Description btex, grph as gro, drph as dro

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ARSENIC	Arsenic	mg/l	Total	Actual						
CHROMIM	Chromium	mg/l	Total	Actual						
DRO	Diesel range organics	mg/l	Total	Actual						
GRO	Gasoline range organics	mg/l	Total	Actual						
LED	Lead	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BTEX	BTEX- ben, tol, ethben, xle	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BENZENE	Benzene	ppb	Total	Actual						
ETHYLBEN	Ethylbenzene	ppb	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TOLUENE	Toluene	ppb	Total	Actual						
XYLENES	Xylenes mix of m + o + p	ppb	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BTEX MG	BTEX milligrams/L	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BENZENE	Benzene	mg/l	Total	Actual						
ETHYLBEN	Ethylbenzene	mg/l	Total	Actual						
TOLUENE	Toluene	mg/l	Total	Actual						
XYLENES	Xylenes mix of m + o + p	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BTEX MIC	Ben,Tol,Ethben,Xyl Microgram/L	Field Msr/Obs	Water				N

Description Benzene, Toluene, Ethylbenzene, and Xylene in Microgram/Liter

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BENZENE	Benzene	ug/l	Total	Actual						
ETHYLBEN	Ethylbenzene	ug/l	Total	Actual						
TOLUENE	Toluene	ug/l	Total	Actual						
XYLENES	Xylenes mix of m + o + p	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BTRUS	bentley trust-Ben,cis1,2; 1,1,	Field Msr/Obs	Water				N

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Description benzene; cis-1,2-Dichloroethene; 1,1,1-Trichloroethane; Trichloroethene; Tetrachlorethene

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BENZENE	Benzene	ug/l		Actual						
CISDICHY	Dichloroethylene, cis-1,2- ***retired***(use CIS-1,2-DICHLO)	ug/l		Actual						
DICHETR1	trans-1,2-Dichloroethylene	ug/l		Actual						
DICHLROE	Dichloroethane, 1,1-	ug/l		Actual						
NAPHTH	Naphthalene	ug/l	Total	Actual						
TETCHETY	Tetrachloroethylene	ug/l		Actual						
TRICHA11	Trichloroethane, 1,1,1-	ug/l	Total	Actual						
TRICHEYL	Trichloroethylene	ug/l		Actual						
TRICHFLM	Trichlorofluoromethane	ug/l		Actual						
VINYLCHL	1,1-Dichloroethylene	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CARRS	carrs voc pah	Field Msr/Obs	Water				N

Description isprop->phnanthrene

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACENAP	Acenaphthene	ug/l		Actual						
BUTBENSE	Butylbenzene, sec-	ug/l		Actual						
CUMENE	Cumene	ug/l	Total	Actual						
CYMENE	Cymene ***retired***(use p-Cymene)	ug/l	Total	Actual						
DIBEN	Dibenzofuran	ug/l		Actual						
FLOR	Fluorenes, C1-C3	ug/l	Total	Actual						
MNAP2	Methylnaphthalene, 2-	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NAPTH	Naphthalene	ug/l	Total	Actual						
NPROP	Propylbenzene, n-	ug/l	Total	Actual						
PHENANT	Phenanthrenes, C1-C4	ug/l	Total	Actual						
TRIB124	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual						
TRIB135	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DEPTH_TOW	Depth to water	Field Msr/Obs	Water				N
Description		Depth to water in ft.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
WLEVWELL	Water level in well, measured from MSL	ft		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DEPTH_FT	Water Table Elevation	Field Msr/Obs	Water				N
Description		Describes water table elevation and includes the way it was measured. Includes land surface elevation and ground water surface elevation.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ELEVMSL	Elevation, MSL	ft		Estimated						
ELEVWSMS	Elevation, water surface, MSL	ft		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DRO	Diesel Range Organics	Field Msr/Obs	Water				N

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EDB	Ethylene dibromide (EDB)	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Ethylene dibromide (EDB)	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EDC	1,2-Dichloroethane (EDC)	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dichloroethane, 1,2-	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ELEVEST	Elevations relative to referen	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ELEVMSL	Elevation, MSL	ft		Estimated						
ELEVWS	Elevation, water surface, MSL	ft		Estimated						
WLEVWELL	Water level in well, measured from MSL	ft		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FAIRVIE2	Fairview2	Field Msr/Obs	Water				N

Description sample depth, nitrate , sulfate, do, temp

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual						
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
WLEVVWELL	Water level in well, measured from MSL	ft		Estimated						
WTEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FAIRVIE3	fairview 3	Field Msr/Obs	Water				N

Description tce, trice, dicfm, dichlorofluoromethane

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DICDIFM	Dichlorodifluoromethane	ug/l		Actual						
TETRCE	Tetrachloroethylene	ug/l		Actual						
TRICE	Trichloroethylene	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FAIRVIE4	fairview 4 ppb	Field Msr/Obs	Water				N

Description tetrachloroethene, trichlorethene, dichlorodifluoromethane

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DICDIFM	Dichlorodifluoromethane	ppb		Actual						
TETCE	Tetrachloroethylene	ppb		Actual						
TRICE	Trichloroethylene	ppb		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FAIRVIE5	fairview 5 mg/l	Field Msr/Obs	Water				N

Description measured O2, nitrate, ferrous iron, sulfate, methane

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FERROUSI	Iron, ferrous, Fe+2	mg/l	Total	Actual						
METHANE	Methane	mg/l		Actual						
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
O2	Oxygen, (O2)	mg/l	Dissolved	Actual						
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FAIRVIEW	fairview mp	Field Msr/Obs	Water				N

Description tetrach, trich,trans 1,2 dich, cis 1,2 dich, dichfluor

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CDCE	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual						
DICFM	Dichloromonofluoromethane	ug/l	Total	Actual						
TCE	Tetrachloroethylene	ug/l	Total	Actual						
TDCE	trans-1,2-Dichloroethylene	ug/l	Total	Actual						
TRICE	Trichloroethylene	ug/l	Total	Actual						
TRICFM	Trichlorofluoromethane	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELDWAT	Field Water Sample Analysis	Field Msr/Obs	Water				N

temp, ph, cond, redox, do fe2+, no3-, so4/2-

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Description

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CONDSPEC	Specific conductance	mS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
IRONFERR	Iron, ferrous, Fe+2	mg/l	Total	Actual						
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
ORP	Oxidation reduction potential (ORP)	mV		Actual						
PH	pH	None		Actual						
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
TEMPWATE	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GRNDCHEM	BTRUST GROUNDWATER CHEM	Field Msr/Obs	Water				N

Description Tot depth, depth to water, temp, conduct, ph, orp, Iron-ferr, total iron, do, sulfate, nitrates, alkalinity

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
FEFERROU	Iron, ferrous, Fe+2	mg/l	Total	Actual						
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l		Calculated						
ORP	Oxidation reduction potential (ORP)	mV		Actual						
PH	pH	None		Actual						
SPCONDUC	Specific conductance	umho/cm		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
TEMPWATE	Temperature, water	deg C		Actual						
TOTFE	Iron	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GRO	Gasoline RANGE organics	Field Msr/Obs	Water				N
Description		GRO mg/l					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
GRO	Gasoline range organics	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GRODRO	GAS AND DIESEL RANGE ORGANICS	Field Msr/Obs	Water				N
Description		GRO and DRO Total, Water UG/L					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DRO	Diesel range organics	mg/l	Total	Actual						
GRO	Gasoline range organics	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GWS_ELEV	Groundwater Surface Elevation	Field Msr/Obs	Water				N
Description		The groundwater surface elevation is best used for a water table.					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ELEVWSMS	Elevation, water surface, MSL	ft		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HUTCH	hutchisons chevrolet chlor*	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOR	Chlorobenzene	ug/l		Actual						
DICHBENM	1,3-Dichlorobenzene	ug/l		Actual						
DICHLOR	1,2-Dichlorobenzene	ug/l		Actual						
DICHLPAR	1,4-Dichlorobenzene	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INDICATO	Indicators of intrinsic biore	Field Msr/Obs	Water				N

Description Indicators of intrinsic bioremediation: temp, pH, SC, DO, Redox

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALKALINI	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual						
CO2	Carbon dioxide	mg/l	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
IRONFERR	Iron, ferrous, Fe+2	mg/l	Total	Actual						
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
ORP	Oxidation reduction potential (ORP)	mV		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PH	pH	None		Actual						
SC	Specific conductance	uS/cm		Actual						
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
TEMPERAT	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MONSTER	Monster Misc WQ	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
IRONFRRO	Iron, ferrous, Fe+2	mg/l	Total	Actual						
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MSLUG	MSLUG 1 2000	Field Msr/Obs	Water				N

Description mes pt., depth to w, water table elev., ph, temp, conduct, B,T,E,X,

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BENZENE	Benzene	ug/l		Actual						
CONDUCTI	Specific conductance	uS/cm		Actual						
ELEVATIO	Elevation, MSL	ft		Estimated						
ELEVWS	Elevation, water surface, MSL	ft		Actual						
ETHYLBEN	Ethylbenzene	ug/l		Actual						
PH	pH	None		Actual						
TOLUENE	Toluene	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
WLEVWELL	Water level in well, measured from MSL	ft		Estimated						
WTEMP	Temperature, water	deg C		Actual						
XYLENES	Xylenes mix of m + o + p	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MSLUG2	mslug august chlorinated	Field Msr/Obs	Water				N
	Description chloroform, naphthalene, tetrachloroethene, trichlorofluoromethane						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORO	Chloroform	ug/l		Actual						
NAPHTH	Naphthalene	ug/l	Total	Actual						
TETRACHL	Tetrachloroethylene	ug/l		Actual						
TRICHL	Trichlorofluoromethane	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MSLUGMIN	chlorinated 4	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLBROM	Chlorodibromomethane	ug/l		Actual						
CHLORE	Chloroethane	ug/l		Actual						
DICHE12	Dichloroethane, 1,2-	ug/l	Total	Actual						
DICHLOR	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l		Actual						

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AWQDECJN **Alaska Dept. of Environmental Conservation**

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DICHM	Dichloromethane	ug/l	Total	Actual						
TCE1122	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual						
TETRCHLY	Tetrachloroethylene	ug/l		Actual						
TRI111	Trichloroethane, 1,1,1-	ug/l	Total	Actual						
TRICHLEY	Trichloroethylene	ug/l		Actual						
TRICHLOR	Trichlorofluoromethane	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NCMACHIN	nc machinery test	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOROFO	Chloroform	ppm		Actual						
TETRACHL	Tetrachloroethylene	ppm		Actual						
TRICHETH	Trichloroethylene	ppm	Total	Actual						
TRICHLOR	Trichloroethane	ppm		Actual						
XYLENES	Xylenes mix of m + o + p	ppm	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NITRATE	Nitrate Field mg/l	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						

Characteristic Group Details

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Alaska Dept. of Environmental Conservation

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NORTHSID	northside VOCs	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BUTBENT	Butylbenzene, tert-	ug/l	Total	Actual						
CUMENE	Cumene	ug/l	Total	Actual						
CYMENE	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual						
DICHLOR1	Dichloroethane, 1,2-	ug/l	Total	Actual						
ETHDIB	Ethylene dibromide (EDB)	ug/l	Total	Actual						
NAPTH	Naphthalene	ug/l	Total	Actual						
PROPBENN	Propylbenzene, n-	ug/l	Total	Actual						
TRIMBEN	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual						
TRIMETHB	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PAHANALY	PAH Analytical Results	Field Msr/Obs	Water				N

Description Polynuclear Aromatic Hydrocarbons (8270)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACENAP	Acenaphthene	ug/l		Actual						
ACENAPHT	Acenaphthylene	ug/l		Actual						
BENZOAN	Benzo[a]anthracene	ug/l		Actual						
BENZOAPY	Benzo[a]pyrene	ug/l		Estimated						
BENZONGH	Benzo[g,h,i]perylene	ug/l	Total	Actual						
CHRYSENE	Chrysenes C1-C4	ug/l	Total	Actual						
FLUORANT	Fluoranthenes, C1-C4	ug/l	Total	Actual						
FLUORENE	Fuorenes, C1-C3	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NAPHTHAL	Naphthalene	ug/l	Total	Actual						
PHENANTH	Phenanthrenes, C1-C4	ug/l	Total	Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TCE/TCA	TCE/TCA	Field Msr/Obs	Water				N

Description Trichloroethylene (TCE), 1,1,1 Trichloroethane (TCA)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Trichloroethane, 1,1,1-	ug/l	Total	Actual						
	Trichloroethylene	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TETRATRI	Tetrachloroethene Trichloro	Field Msr/Obs	Water				N

Description Tetrachloroethene and Trichloroethylene

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOET	Chloroethane	ug/l		Actual						
CUMENE	Cumene	ug/l	Total	Actual						
CYMENE	Cymene ***retired***(use p-Cymene)	ug/l	Total	Actual						
DIBROMET	Dibromomethane	ug/l		Actual						
DICHE12	Dichloroethane, 1,2-	ug/l	Total	Actual						
DICHETHC	Dichloroethylene, cis-1,2- ***retired***(use CIS-1,2-DICHLO)	ug/l		Actual						

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DICHM	Dichloromethane	ug/l	Total	Actual						
METCHL	Methyl chloride	ug/l		Actual						
NAPHTHAL	Naphthalene	ug/l	Total	Actual						
NPROPB	Propylbenzene, n-	ug/l	Total	Actual						
TERACHYL	Tetrachloroethylene	ug/l		Actual						
TRIB135	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual						
TRIBEN12	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual						
TRICETHY	Trichloroethylene	ug/l		Actual						
TRICFM	Trichlorofluoromethane	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TRICHY	trichloroethylene	Field Msr/Obs	Water				N
	Description Trichloroethylene ug/l						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TRICHY	Trichloroethylene	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ZZZALK	cod	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COD	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual						

Characteristic Group Details

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AWQDECJN

Alaska Dept. of Environmental Conservation

Group ID [BTEX]	Group Name BTEX	Field Activity Field Msr/Obs	Medium Water	Intent	Community	Result Group	Habitat N
	Description BTEX ppb						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
[BTEX]	Benzene, Toluene, Ethyl Benzene, Xylenes mix (BTEX)	mg/l	Total	Actual						

Characteristic Group Details

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BEAR_CRK

Bear Creek Reservoir (Colorado)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRBIO	Biological Character	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FEC	Fecal Coliform	#/100ml	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRFLDM	Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CON	Specific conductance	umho/cm		Actual					COND	
DO	Oxygen, (O2)	mg/l		Actual					DOMETR	
FLO	Flow	cm3/sec		Actual					FLOMTR	
PH	pH	None	Total	Actual					PHMTR	
SEC	Depth, Secchi Disk Depth	m		Actual					SECCHI	
TEM	Temperature, water	deg C		Actual					TEMP 001	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRNUTR	Nutrients	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMM	Nitrogen, ammonia (NH3) as NH3	ug/l	Total	Actual					350.2(A)	
NO3	Nitrogen, Nitrate (NO3) as NO3	ug/l	Total	Actual					NO3	
P4D	Phosphorus, orthophosphate as PO4	ug/l	Dissolved	Actual						
POD	Phosphorus	ug/l	Total	Actual					365.A	

Characteristic Group Details

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BEAR_CRK

Bear Creek Reservoir (Colorado)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
POP	Phosphorus as P	ug/l	Filterable	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRPYS	Physical characteristics	Sample	Water				N
WATRPROD	Productivity Measures	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHL	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual						

Characteristic Group Details

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CADWR

California Department of Water Resources

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CADWR	test group	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1% LIGHT DEPTH	Light attenuation, depth at 99%	m	Total	Actual					CADWR-002	
CHLORIDE	Chloride	mg/l	Total	Actual					4500-CL(B)	
CHLOROPHYLL A	Chlorophyll a (probe)	ug/l	Total	Actual					10200-H	
KJELDHL NITROGEN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	
ORGANIC NITROGEN	Nitrogen, organic	mg/l	Dissolved	Actual					351.3(A)	
OXYGEN	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.2	
PHEOPHYTIN A	Pheophytin-a	ug/l	Total	Actual					10200-H	
PHOSPHORUS	Phosphorus	mg/l	Total	Actual					4500-P-D	
SECCHI	Depth, Secchi Disk Depth	cm		Actual					CADWR-006	
SOLIDS	Solids, Total	mg/l	Suspended	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
DWRFIELD	field	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TEMP	Temperature, water	deg C		Actual						

Characteristic Group Details

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CAPECRD

City of Cape Coral (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	Water Quality Field Data	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth, data-logger (ported)	m		Actual					DEPTH	
10	Depth, Secchi Disk Depth	m		Actual					SECCHI DISK	
2	Temperature, water	deg C		Actual					170.1	
3	pH	None		Actual					D1293(B)	
4	Specific conductance	mS/cm		Actual					2510	
5	Salinity	ppt	Dissolved	Actual					2520-B	
6	Dissolved oxygen (DO)	mg/l		Actual					D888(B)	
7	Oxidation reduction potential (ORP)	mV		Actual						
8	Velocity - stream	m/sec		Actual					D5089	
9	Turbidity	NTU		Actual						
DEPTH	Depth	m		Actual					DEPTH	
HACHTURB	Turbidity	NTU	Total	Actual					2130	
SECCHI	Depth, Secchi Disk Depth	m		Actual					SECCHI DISK	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	Water Quality Lab Analysis	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(E)	
10	Solids, Total	mg/l		Actual		Dry			2540-D	
11	Solids, Fixed	mg/l		Actual						
12	BOD, Biochemical oxygen	mg/l	Total	Actual					5210-B	

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City of Cape Coral (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	demand									
13	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
14	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9230-B	
	Acceptable Range	0.00000 - 9,999.00000 #/100ml								
15	Fecal Coliform	#/100ml	Total	Actual			24 Hours	25 Deg C	9222-D	
	Acceptable Range	0.00000 - 9,999.00000 #/100ml								
16	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
17	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Calculated					4500-NO3(E)	
18	Nitrogen, organic	mg/l	Total	Calculated					ORGN	
19	Phosphorus, organic as P	mg/l	Total	Calculated					ORGP	
2	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NOR(B)	
3	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					4500-NO2(B)	
4	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Calculated					NOXN	
5	Nitrogen ion (N)	mg/l	Total	Calculated					TOT N	
6	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					OPO4	
7	Phosphorus as PO4	mg/l	Total	Actual					4500-P-E	
8	Solids, Total Suspended (TSS)	mg/l		Actual		Dry			2540-D	
9	Solids, Total Suspended (TSS)	mg/l		Actual					2540-C	
CHLACORR	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	
LABTURB	Turbidity	NTU	Total	Actual					2130	
LPH	pH	None		Actual						
OILGREAS	Oil and Grease	mg/l	Total	Actual					413.1	
TOT N	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Calculated					TOT N	

Characteristic Group Details

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City of Cape Coral (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
VDS	Solids, Volatile	mg/l	Volatile	Actual					2540-E	
VSS	Solids, Volatile Chloride	mg/l	Volatile	Actual					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	Sediment Heavy Metals	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Aluminum	ppm	Total	Actual					202.1	
10	Zinc	ppm	Total	Actual					239.1	
2	Arsenic	ppm	Total	Actual					206.3	
3	Cadmium	ppm	Total	Actual					213.1	
4	Chromium	ppm	Total	Actual					218.1	
5	Copper	ppm	Total	Actual					220.1	
6	Iron	ppm	Total	Actual					236.1	
7	Mercury	ppm	Total	Actual					245.2	
8	Nickel	ppm	Total	Actual					249.1	
9	Lead	ppm	Total	Actual					239.1	
AL2021	Aluminum	ppm	Total	Actual					202.1	
AL311	Aluminum	ppm	Total	Actual					3111-E	
AL6010	Aluminum	ppm	Total	Actual					6010A	
AL7020	Aluminum	ppm	Total	Actual					7020	
AS2007F	Arsenic	ppm	Total	Actual					200.7(W)	
AS2063	Arsenic	ppm	Total	Actual					206.3	
AS7060	Arsenic	ppm	Total	Actual					7060A	
CD2131	Cadmium	ppm	Total	Actual					213.1	

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City of Cape Coral (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CD311	Cadmium	ppm	Total	Actual					3111-E	
CD6010	Cadmium	ppm	Total	Actual					6010A	
CD7130	Cadmium	ppm	Total	Actual					7130	
CR2181	Chromium	ppm	Total	Actual					218.1	
CR311	Chromium	ppm	Total	Actual					3111-E	
CR6010	Chromium	ppm	Total	Actual					6010A	
CR7190	Chromium	ppm	Total	Actual					7190	
CU2201	Copper	ppm	Total	Actual					220.1	
CU311	Copper	ppm	Total	Actual					3111-E	
CU6010	Copper	ppm	Total	Actual					6010A	
CU7210	Copper	ppm	Total	Actual					7210	
FE2361	Iron	ppm	Total	Actual					236.1	
FE311	Iron	ppm	Total	Actual					3111-E	
FE6010	Iron	ppm	Total	Actual					6010A	
FE7380	Iron	ppm	Total	Actual					7380	
HG2451	Mercury	ppm	Total	Actual					245.1	
HG2455	Mercury	ppm	Total	Actual					245.5	
HG3112B	Mercury	ppm	Total	Actual					3112-B	
HG7470	Mercury	ppm	Total	Actual					7470A	
HG7471	Mercury	ppm	Total	Actual					7471A	
NI2491	Nickel	ppm	Total	Actual					249.1	
NI311	Nickel	ppm	Total	Actual					3111-E	
NI6010	Nickel	ppm	Total	Actual					6010A	
NI7520	Nickel	ppm	Total	Actual					7520	
PB2391	Lead	ppm	Total	Actual					239.1	
PB311	Lead	ppm	Total	Actual					3111-E	
PB6010	Lead	ppm	Total	Actual					6010A	

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City of Cape Coral (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PB7420	Lead	ppm	Total	Actual					7420	
ZN2891	Zinc	ppm	Total	Actual					289.1	
ZN311	Zinc	ppm	Total	Actual					3111-E	
ZN6010	Zinc	ppm	Total	Actual					6010A	
ZN7950	Zinc	ppm	Total	Actual					7950	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	Pesticides	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chlordane									
	Endrin Aldehyde									
	Endrin									
	Endosulfan Sulfate									
	Endosulfan, beta-									
	Endosulfan, alpha-									
	Dieldrin									
	DDT ***retired*** (use DDT, p,p'-)									
	DDE ***retired*** (use DDE, p,p'-)									
	DDD ***retired*** (use DDD, p,p')									
	2,4-D, Dichlorophenoxyacetic acid									
	BHC-gamma (Lindane)									
	Malathion									

Characteristic Group Details

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City of Cape Coral (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Ethoprop									
	Ethion									
	Chloropyrifos									

Characteristic Group Details

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CCAMP Central Coast Ambient Monitoring Program (California)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CWQ1	CWQ Measurements	Field Msr/Obs	Water				N

Description Field measurements of various parameters using a multi-analyte water quality probe

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR_TEMP	Temperature, air	deg C		Actual						
	Acceptable Range	0.00000 - 37.00000	deg C							
CHLOR_A	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual						
	Acceptable Range	0.00000 - 250.00000	ug/l							
COND_US	Specific conductance	uS/cm		Actual					CCAMP_AP001	
DO_PPM	Dissolved oxygen (DO)	ppm	Dissolved	Actual					CCAMP_AP001	
	Acceptable Range	0.00000 - 20.00000	ppm							
DO_SAT	Dissolved oxygen saturation	%		Calculated					CCAMP_AP001	
	Acceptable Range	0.00000 - 200.00000	%							
FLOW	Flow	cfs		Calculated						
	Acceptable Range	0.00000 - 100,000.00000	cfs							
H2OTEMP	Temperature, water	deg C		Actual					CCAMP_AP001	
	Acceptable Range	0.00000 - 32.00000	deg C							
PH	pH	None		Actual					CCAMP_AP001	
	Acceptable Range	1.00000 - 14.00000	None							
TURB_N	Turbidity	NTU		Actual					CCAMP_AP001	
	Acceptable Range	0.00000 - 100,000.00000	NTU							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CWQ2	CWQ grab samples	Sample	Water				N

Description Grab samples for laboratory analysis

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FCOLI	Fecal Coliform	MPN		Estimated						

Characteristic Group Details

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CCAMP **Central Coast Ambient Monitoring Program (California)**

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000,000.00000 MPN								
NO3_NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
PO4_PO4	Phosphorus, orthophosphate as PO4	mg/l		Actual						
	Acceptable Range	0.00000 - 50.00000 mg/l								
TDS	Solids, Total Suspended (TSS)	mg/l	Dissolved	Actual						
TSS	Solids, Fixed	mg/l	Suspended	Actual						

Characteristic Group Details

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CHATFLD

Chatfield Reservoir (Colorado)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDICHEM	Sediment Chemistry	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TOC	Carbon, Total Organic (Toc)	%	Total	Actual					ASA NO.9 29	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDIMETL	Metals in Sediment	Sample	Soil				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CDT	Cadmium	mg/kg	Total	Actual					M6010B ICP	
CRT	Chromium	mg/kg	Total	Actual					200.7(W)	
CUT	Copper	mg/kg	Total	Actual					M6010B ICP	
HGT	Mercury	mg/kg	Total	Actual					M7471 CVAA	
PBT	Lead	mg/kg	Total	Actual					M6010B ICP	
SET	Selenium	mg/kg	Total	Actual					M7742	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDINUTR	Sediment Nutrients	Sample	Sediment				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDIPHYS	Substrate Characteristics	Sample	Soil				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CLA	Substrate - clay, medium	%		Actual					D422	
SAND	Substrate - sand	%		Actual						

Characteristic Group Details

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CHATFLD

Chatfield Reservoir (Colorado)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SLT	Substrate - silt	%		Actual						
SOL	Solids, Total Suspended (TSS)	%	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRBIOL	Biological Characteristics	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FEC	Fecal Coliform	#/100ml	Total	Actual					9221-E	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRCHEM	Chemistry, Oxygen demand	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BIC	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual						
BOD	COD, Chemical Oxygen Demand	mg/l	Total	Actual					405.1	
CO3	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
CON	Specific conductance	mho/cm		Actual					COND	
HRD	Hardness, carbonate	mg/l	Total	Actual					SM22340B	
HYD	Alkalinity, Hydroxide as CaCO3	mg/l	Total	Actual					310.1	
TOC	Carbon, Total Organic (Toc)	%	Total	Actual					ASA NO.9 29	
TSS	Solids, Fixed	mg/l	Non-filterable	Actual					160.2	

Characteristic Group Details

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CHATFLD

Chatfield Reservoir (Colorado)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRFLDM	Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Oxygen, (O2)	mg/l		Actual					HORRIBU U-10	
FNI	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					HACH 8039	
FPO	Phosphorus	mg/l	Total	Actual					HACH 8048	
PH	pH	None		Actual					HORRIBU U-10	
SPC	Specific conductance	uS/cm		Actual					HORRIBU	
TEM	Temperature, water	deg C		Actual						
TIM	Weather Comments (text)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRMETL	Metals in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AGD	Silver	mg/l	Dissolved	Actual					200.7(W)	
AST	Arsenic	mg/l	Total	Actual					206.2	
CAL	Calcium	mg/l	Dissolved	Actual					200.7(W)	
CDD	Cadmium	mg/l	Dissolved	Actual					200.7 (W)	
CRT	Chromium	mg/l	Total	Actual					200.7(W)	
CUD	Copper	mg/l	Dissolved	Actual					200.7(W)	
CYN	Cyanide	mg/l	Total	Actual					CHATFLD	
FED	Iron	mg/l	Dissolved	Actual					200.7(W)	
HEX	Chromium, hexavalent	mg/l	Total	Actual					3500 CR-D	
HGD	Mercury	mg/l	Dissolved	Actual					245.1	
MGD	Magnesium	mg/l	Dissolved	Actual					200.7(W)	
MND	Manganese	mg/l	Dissolved	Actual					200.7(W)	

Characteristic Group Details

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CHATFLD

Chatfield Reservoir (Colorado)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NID	Nickel	mg/l	Dissolved	Actual					200.7(W)	
PBD	Lead	mg/l	Dissolved	Actual					200.7(W)	
SEL	Selenium	mg/l	Dissolved	Actual					SM3500-SE	
TRI	Chromium, trivalent	mg/l	Total	Actual					3500 CR-D	
ZND	Zinc	mg/l	Dissolved	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRNUTR	Nutrients in Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMM	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
N	Nitrogen ion (N)	mg/l	Total	Actual					PERSULFT DIGEST	
NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual					353.2	
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Calculated					NO(3NO2)-N02	
NOT	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					HACH 8039	
NTR	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
P4D	Phosphorus, orthophosphate as PO4	mg/l	Dissolved	Actual					M365.1	
P4T	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					M365.1	
PHO	Phosphorus	mg/l	Total	Actual					M365.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRPYS	Physical Characteristics	Field Msr/Obs	Water				N

Characteristic Group Details

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CHATFLD

Chatfield Reservoir (Colorado)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CON	Specific conductance	umho/cm		Actual					120.1	
DEP	Depth	m		Actual						
FLO	Flow	cfs		Estimated						
SEC	Depth, Secchi Disk Depth	m		Actual						
TEM	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 50.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATRPROD	Productivity Measures	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHL	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					CHLOROPHYL L A	

Characteristic Group Details

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CHNEPCHB

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	5210-B	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
CHLACOR	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					2120-B	
ENTEROCOCCI	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Calculated					353.2	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PHEOPHYTIN	Pheophytin-a	mg/m3	Total	Actual					10200-H	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.1	
SILICA	Silica	mg/l	Dissolved	Actual						
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Characteristic Group Details

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CHNEPCHB

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					360.1	
LIGHT COEFF	Light attenuation coefficient	None	Total	Calculated					PAR	
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s	Total	Actual					PAR	
PARDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s	Total	Actual					PAR	
PH	pH	None	Total	Actual					150.1	
SALINITY	Salinity	ppt	Total	Actual					2520-B	
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CHNEPCHE Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					110.2	
ENTEROCOCCI	Enterococcus Group Bacteria	#/100ml	Total	Actual						
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Actual					NTOT	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.4	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						

Characteristic Group Details

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CHNEPCHE

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None	Total	Actual					150.1	
SALINITY	Salinity	ppt	Total	Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CHNEPCHP

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					110.2	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.4	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	mg/l	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	

Characteristic Group Details

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CHNEPCHP

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None		Actual					150.1	
SALINITY	Salinity	ppt		Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CHNEPCHW

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Total	Actual					110.2	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N3)	mg/l	Total	Calculated					NTOT	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.4	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual						
DO	Dissolved oxygen (DO)	ml/l	Total	Actual						
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	

Characteristic Group Details

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CHNEPCHW

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None	Total	Actual					150.1	
SALINITY	Salinity	ppt	Total	Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CHNEPEB

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	5210-B	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
CHLACOR	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					2120-B	
ENTEROCOCCI	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Calculated					353.2	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PHEOPHYTIN	Pheophytin-a	mg/m3	Total	Actual					10200-H	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.1	
SILICA	Silica	mg/l	Dissolved	Actual					4500-SI(F)	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Characteristic Group Details

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CHNEPEB

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
LIGHT COEFF	Light attenuation coefficient	None		Actual					PAR	
PH	pH	None	Total	Actual					150.1	
SALINITY	Salinity	ppt	Total	Calculated						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						

Characteristic Group Details

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CHNEPLLB Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Total	Actual					110.2	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.4	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	

Characteristic Group Details

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CHNEPLLB

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None		Actual					150.1	
SALINITY	Salinity	ppt	Total	Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CHNEPMP Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP LAB DATA	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					4500-NH3(G)	
CHLA	Chlorophyll (a+b+c)	ppb	Filterable	Actual					10200-H	
COLOR	Color, True	PCU	Total	Actual					2120-B	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(B)	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NOR(B)	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					4500-P-E	
PTOT	Phosphorus as P	mg/l	Total	Actual					4500-P-E	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-C	
TURBIDITY	Turbidity	NTU		Actual					2130	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP FIELD MEASUREMENTS	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOROPHYLL	Chlorophyll a, corrected for pheophytin	ppb	Total	Actual						
COND	Specific conductance	umho/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
K	Light Underwater Extinction Coefficient (K)	m		Actual					PAR	
PARAIR	Light Photosynthetic Active	umol/m2/s		Actual					PAR	

Characteristic Group Details

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CHNEPMP

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Radiation (PAR)									
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None		Actual					4500-H	
SALINITY	Salinity	ppt		Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CHNEPPIS Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	5210-B	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
CHLACOR	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					2120-B	
ENTEROCOCCI	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Calculated					353.2	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PHEOPHYTIN	Pheophytin-a	mg/m3	Filterable	Actual					10200-H	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.1	
SILICA	Silica	mg/l	Dissolved	Actual					4500-SI(F)	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Characteristic Group Details

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CHNEPPIS

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					360.1	
LIGHT COEEF	Light attenuation coefficient	None	Total	Actual					PAR	
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s	Total	Actual					PAR	
PARDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s	Total	Actual					PAR	
PH	pH	None	Total	Actual					150.1	
SALINITY	Salinity	ppt	Total	Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual					170.1	
TOTAL DEPTH	Depth, bottom	m		Actual						
TURBIDITYF	Turbidity	NTU	Total	Actual					180.1	

Characteristic Group Details

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CHNEPSCB Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					110.2	
ENTEROCOCCI	Enterococcus Group Bacteria	#/100ml	Total	Actual						
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.4	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP Field Parameters	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						

Characteristic Group Details

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CHNEPSCB

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOSAT	Dissolved oxygen (DO)	%	Total	Actual						
ORP	Oxidation reduction potential (ORP)	volts	Total	Actual						
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None	Total	Actual					150.1	
SALINITY	Salinity	ppt	Total	Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth	m		Actual						

Characteristic Group Details

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CHNEPTCR Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	5210-B	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
CHLACOR	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					2120-B	
ENTEROCOCCI	Enterococcus Group Bacteria	#/100ml	Total	Actual					1600	
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Calculated					353.2	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PHEOPHYTIN	Pheophytin-a	mg/m3	Total	Actual					10200-H	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.1	
SILICA	Silica	mg/l	Dissolved	Actual					4500-SI(F)	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Characteristic Group Details

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CHNEPTCR

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHNEPFLD	CHNEP Field Parameters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual						
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					360.1	
LIGHT COEEF	Light attenuation coefficient	None	Total	Calculated					PAR	
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	
PARDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s	Total	Actual					PAR	
PH	pH	None	Total	Actual					150.1	
SALINITY	Salinity	ppt	Total	Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CHNEPTMR

Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					110.2	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.4	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP Field Parameters	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	

Characteristic Group Details

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CHNEPTMR

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None		Actual					150.1	
SALINITY	Salinity	ppt		Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						
WAVE	Wave height	m		Actual						
WIND	Wind velocity	mph		Actual						

Characteristic Group Details

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CHNEPTR Charlotte Harbor National Estuaries Program (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEP	CHNEP Lab Parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia as N	ml/l	Total	Actual					350.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	mg/m3	Total	Actual					10200-H	
COLOR	Color, True	PCU	Filterable	Actual					110.2	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					354.1	
NO2NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.1	
NTK	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
NTOT	Nitrogen ion (N)	mg/l	Total	Calculated					NTOT	
PORTHO	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					300(A)	
PTOT	Phosphorus as P	mg/l	Total	Actual					365.4	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURBIDITY	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHNEPFLD	CHNEP Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
PARAIR	Light Photosynthetic Active Radiation (PAR)	umol/m2/s		Actual					PAR	

Characteristic Group Details

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CHNEPTR

Charlotte Harbor National Estuaries Program (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PARATDEPTH	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s		Actual					PAR	
PH	pH	None		Actual					150.1	
SALINITY	Salinity	ppt		Actual						
SECCHI	Depth, Secchi Disk Depth	m		Actual						
SECCHIVB	Depth, Secchi Disk Depth (Choice List)									
TEMP	Temperature, water	deg C		Actual						
TOTAL DEPTH	Depth, bottom	m		Actual						

Characteristic Group Details

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CIKEEPAK Cook Inlet Keeper (Alaska)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CGRP-1	General Station Observations	Field Msr/Obs	Water				N

Citations USEPA, 1997, Volunteer Stream Monitoring: A Methods manual., USEPA, EPA 841/B-97-003

Description General station observations including weather, wind, water surface, precip

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Cloud cover	% Cover		Actual						
2	Precipitation 24hr prior to monitoring event amount	in		Actual						
3	Wind velocity	mph		Actual						
4	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
5	Water appearance (text)									
6	Temperature, air	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CGRP-2	Water Chemistry Plus	Sample	Water				N

Citations USEPA, 1993, Volunteer Estuary Monitoring: A Methods Manual., USEPA, EPA 842/B-93-004

Description Basic parameters plus coliform

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	0.00000 - 50.00000 deg C								
10	Total Coliform	CFU		Actual					CIK-003	
	Acceptable Range	0.00000 - 60.00000 CFU								
11	Total Nonfecal Coliform	CFU		Actual					CIK-003	
	Acceptable Range	0.00000 - 60.00000 CFU								
12	Temperature, water	deg C		Actual					CIK-001	
13	pH	None		Actual					CIK-002	

Characteristic Group Details

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CIKEEPAK

Cook Inlet Keeper (Alaska)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	7.20000 - 8.60000	None							
14	pH	None		Actual					CIK-001	
	Acceptable Range	0.00000 - 14.00000	None							
15	pH	None		Actual						
	Acceptable Range	0.00000 - 19.99000	None							
16	Dissolved oxygen (DO)	mg/l		Actual					4500-O-C	
	Acceptable Range	0.00000 - 20.00000	mg/l							
17	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
2	Color, Apparent	PCU		Actual						
	Acceptable Range	0.00000 - 500.00000	PCU							
3	Turbidity	JTU		Actual					2130	
	Acceptable Range	0.00000 - 200.00000	JTU							
4	pH	None		Actual					CIK-002	
	Acceptable Range	3.00000 - 10.00000	None							
5	Depth, Secchi Disk Depth	ft		Actual					CIK-002	
	Acceptable Range	0.00000 - 30.00000	ft							
6	Salinity	ppt		Actual					CIK-002	
	Acceptable Range	0.00000 - 42.00000	ppt							
7	Dissolved oxygen (DO)	mg/l		Actual					CIK-002	
	Acceptable Range	0.00000 - 20.00000	mg/l							
8	Specific conductance	mS/cm	Dissolved	Actual				25 Deg C	CIK-001	
	Acceptable Range	0.00000 - 1,999.00000	mS/cm							
9	Oxidation reduction potential (ORP)	mV		Actual					CIK-001	
	Acceptable Range	0.00000 - 1,000.00000	mV							

Characteristic Group Details

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CITYOFPG

City of Punta Gorda (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AC001	City of PG AC Lab Procedures	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					2320	
CL	Chloride	mg/l	Dissolved	Actual					4500-CL(B)	
COLOR	Color, True	PCU		Actual					2120-C	
HARDNESS	Hardness, non-carbonate	mg/l	Total	Actual					2340	
IR	Iron	mg/l	Total	Actual					3500-FE(D)	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					4500-SO4(E)	
TDS	Solids, Dissolved	mg/l	Total	Actual					2540-C	
TURB	Turbidity	NTU	Total	Actual					2130	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ACHL1	City of PG AC Field Procedures	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual					2510	
PH	pH	None		Actual					4500-H	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SC001	City of PG Lab Parameters	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total	mg/l	Total	Actual					2320	

Characteristic Group Details

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CITYOFPG

City of Punta Gorda (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	hydroxide+carbonate+bicarbonate)									
CHLA	Chlorophyll a, corrected for pheophytin	mg/m3	Total	Actual					445	
CL	Chloride	mg/l	Dissolved	Actual						
COLOR	Color, True	PCU		Actual					110.2	
N23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
NH3	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.2	
OP	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.5	
PHEOPH	Pheophytin-a	mg/m3	Total	Actual					445.0	
SI	Silica	mg/l	Dissolved	Actual					370.1	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TP	Phosphorus	mg/l	Total	Actual					365.3	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURB	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SCHL1	City of PG Field Parameters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
LICOR	Light attenuation coefficient	None		Actual						

Characteristic Group Details

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CITYOFPG

City of Punta Gorda (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PH	pH	None		Actual						
SAL	Salinity	ppt		Actual						
TEMP	Temperature, water	deg C		Actual						

Characteristic Group Details

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COE/ISU

Des Moines River - Corp of Engineers (IOWA)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACT	Bacteria	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
015	Fecal Coliform	#/100ml		Actual					APHA 9222 D	
037	Escherichia coli	#/100ml		Actual					APHA 9222 G	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHLW	Chlorophyll - Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
031	Chlorophyll a, corrected for pheophytin	mg/m3		Actual					APHA 10200 H	
032	Chlorophyll a, uncorrected for pheophytin	mg/m3		Actual					APHA 10200 H	
033	Chlorophyll-b	mg/m3		Actual					APHA 10200 H	
034	Chlorophyll-c	mg/m3		Actual					APHA 10200 H	
035	Pheophytin-a	mg/m3		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLA	Field Lab Analyses	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
005	pH	None		Actual					APHA 4500-H B	
006	Carbon dioxide	mg/l	Free Available	Actual					APHA 4500-CO2 C	
007	Alkalinity, Total (total hydroxide+carbonate+bicarbonat	mg/l		Actual					APHA 2320 B	

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Des Moines River - Corp of Engineers (IOWA)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	e)									
008	Alkalinity, Carbonate as CaCO3	mg/l		Actual					APHA 2320 B	
016	Hardness, Ca + Mg	mg/l		Actual					APHA 2340 C	
017	Calcium	mg/l		Actual					APHA 3500-CA B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FMAP	Field Measure - Atmo. Prop.	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
029	Cloud cover	%		Actual						
036	Barometric pressure	mm/Hg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FMWP	Field Measure - Water Prop.	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Flow	cfs		Actual					USGS CA8	
002	Temperature, water	deg C		Actual					APHA 2550	
027	Depth, Secchi Disk Depth	m		Actual						
038	Transparency, tube with disk	cm		Actual						
040	Elevation, water surface, MSL	m		Actual						
041	Dissolved oxygen saturation	%		Calculated						

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Des Moines River - Corp of Engineers (IOWA)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
INORG	Inorganic Chem.-Water	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
003	Turbidity	NTU		Actual					APHA 2130 B	
004	Solids, Total Suspended (TSS)	mg/l		Actual					APHA 2540 D	
011	Dissolved oxygen (DO)	mg/l		Actual					APHA 4500-O C	
022	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					APHA 4110 B	
023	Chloride	mg/l	Total	Actual					APHA 4110 B	
024	Silica	mg/l		Actual					APHA 4500-SIO2E	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
METW	Metals - Water	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
020	Cadmium	ug/l	Acid Soluble	Actual					APHA 3111 B	3030-E
021	Lead	ug/l	Acid Soluble	Actual					APHA 3111 B	3030-E
025	Potassium	mg/l		Actual					IONPAC	
026	Sodium	mg/l	Total	Actual					IONPAC	
028	Mercury	ug/l	Acid Soluble	Actual					USEPA 245.1	
039	Copper	ug/l	Acid Soluble	Actual					APHA 3111 B	3030-E

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NUTW	Nutrients - Water	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
009	Carbon, Total Organic (Toc)	mg/l		Actual					APHA 5310 C	
010	BOD, Biochemical oxygen demand	mg/l		Actual					APHA 5210 B	
012	Nitrogen, organic	mg/l		Calculated						
013	Nitrogen, ammonia as N	mg/l	Total	Actual					APHA 4500-NH3 G	
014	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					APHA 4500-NO3 F	
018	Phosphorus as PO4	mg/l		Actual					USEPA 365.4	
019	Phosphorus, orthophosphate as PO4	mg/l		Actual					APHA 4500-P F	
030	Ammonia, unionized	mg/l		Calculated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PESTBIO	Pesticides in Fish	Sample	Biological	Individual			N

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CORIVWCH The Rivers of Colorado Water Watch Network (RiverWatch)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	General Weather Observations	Field Msr/Obs	Air				N
Citations		CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	Water Chemistry - Metals	Sample	Water				N
Citations		CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114					
Description		List of metals that are analyzed in water samples taken in Colorado.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALDISUG	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
ALTOTUG	Aluminum	ug/l	Total	Actual					200.7(W)	
ASDISUG	Arsenic	ug/l	Dissolved	Actual					200.7(W)	
ASTOTUG	Arsenic	ug/l	Total	Actual					200.7(W)	
CADISUG	Calcium	ug/l	Dissolved	Actual					200.7(W)	
CATOTUG	Calcium	ug/l	Total	Actual					200.7(W)	
CDDISUG	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
CDTOTUG	Cadmium	ug/l	Total	Actual					200.7(W)	
CLPH_A	Chlorophyll a, corrected for pheophytin	ug/l	Free Available	Actual		Ash-Free Dry			UNKNOWN	
CUDISUG	Copper	ug/l	Dissolved	Actual					200.7(W)	
CUTOTUG	Copper	ug/l	Total	Actual					200.7(W)	
DOC	Carbon, organic	mg/l	Dissolved	Actual					UNKNOWN	
FEDISUG	Iron	ug/l	Dissolved	Actual					200.7(W)	
FETOTUG	Iron	ug/l	Total	Actual					200.7(W)	
KDISUG	Potassium	ug/l	Dissolved	Actual					200.7(W)	
KTOTUG	Potassium	ug/l	Total	Actual					200.7(W)	
MGDISUG	Magnesium	ug/l	Dissolved	Actual					200.7(W)	

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CORIVWCH The Rivers of Colorado Water Watch Network (RiverWatch)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MGTOTUG	Magnesium	ug/l	Total	Actual					200.7(W)	
MNDISUG	Manganese	ug/l	Dissolved	Actual					200.7(W)	
MNTOTUG	Manganese	ug/l	Total	Actual					200.7(W)	
NADISUG	Sodium	ug/l	Dissolved	Actual					200.7(W)	
NATOTUG	Sodium	ug/l	Total	Actual					200.7(W)	
PBDISUG	Lead	ug/l	Dissolved	Actual					200.7(W)	
PBTOTUG	Lead	ug/l	Total	Actual					200.7(W)	
SEDISUG	Selenium	ug/l	Dissolved	Actual					200.7(W)	
SETOTUG	Selenium	ug/l	Total	Actual					200.7(W)	
ZNDISUG	Zinc	ug/l	Dissolved	Actual					200.7(W)	
ZNTOTUG	Zinc	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	Water Chemistry - Nutrients	Sample	Water				N

Citations CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114
Description List of nutrients analyzed for in Colorado waters.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Ammonia uptake	mg/l	Total	Actual					350.1	
	Acceptable Range	0.20000 - 2.00000 mg/l								
CHLORIDE	Chloride	mg/l	Total	Actual					325.1	
	Acceptable Range	1.00000 - 100.00000 mg/l								
NITNIT	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
	Acceptable Range	0.01000 - 1.00000 mg/l								
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					353.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHOS	Phosphate	mg/l	Total	Actual					365.4	
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
	Acceptable Range	1.00000 - 50.00000 mg/l								
TOTNIT	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Actual					UNKNOWN	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	Overall Physical Habitat	Field Msr/Obs					Y

Citations CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114

Row ID	Characteristic Name	Description
1	Habitat, Cobble (%)	
10	RipVeg, BankWidth, Right	
11	RipVeg, Dom, Right	
12	RipVeg, Sps, Right	
13	RipVeg, BankWidth, Left	
14	RipVeg, Dom, Left	
15	RipVeg, Sps, Left	
16	AquaVeg, Type	
17	AquaVeg, Instream (%)	
18	Instream, Canopy Cover (%)	
19	Instream, Rifle (%)	
2	Habitat, Snags (%)	
20	Instream, Pool (%)	
21	Instream, Run (%)	

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Row ID	Characteristic Name	Description
22	Instream, EstWetWaterWidth	
23	Instream, EstBankFullWidth	
24	Instream, AvgDepth	
25	Instream, Channelized?	
3	Habitat, Vegetated Banks (%)	
4	Habitat, Sand (%)	
5	LandUse, Right	
6	LandUse, Left	
7	LocErosion, Bare Bank (%)	
8	LocErosion, Amount	
9	LocErosion, Bank Movement	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-005	Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1	Acentrella insignificans		count	Actual				
10	Atherix pachypus		count	Actual				
100	Paraleptophlebia		count	Actual				
101	Parametrioctenemus		count	Actual				
102	Paraphaenocladus		count	Actual				
103	Paratanytarsus		count	Actual				
104	Perlodidae		count	Actual				
105	Petrophila		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
106	Phaenopsectra		count	Actual				
107	Physa		count	Actual				
108	Pisidium		count	Actual				
109	Polycentropus		count	Actual				
11	Baetis notos		count	Actual				
110	Polypedium illinoense		count	Actual				
111	Procladius		count	Actual				
112	Pseudochironomus		count	Actual				
113	Pseudodiamesa		count	Actual				
114	Psychomyia flavida		count	Actual				
115	Pteronarcella badia		count	Actual				
116	Pteronarcys californica		count	Actual				
117	Rheocricotopus		count	Actual				
118	Rheotanytarsus		count	Actual				
119	Rhithrogena		count	Actual				
12	Baetis tricaudatus		count	Actual				
120	Rhyacophila brunnea		count	Actual				
121	Rhyacophila coloradensis		count	Actual				
122	Saetheria tylus		count	Actual				
123	Sigara grossolineata		count	Actual				
124	Simulium		count	Actual				
125	Siphonurus occidentalis		count	Actual				
126	Skwala americana		count	Actual				
127	Sperchon		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128	Stictochironomus		count	Actual				
129	Sweltsa		count	Actual				
13	Bezzia		count	Actual				
130	Synorthocladius		count	Actual				
131	Taenionema		count	Actual				
132	Tanypus		count	Actual				
133	Tanytarsini		count	Actual				
134	Tanytarsus		count	Actual				
135	Tetrigidae		count	Actual				
136	Thienemanniella		count	Actual				
137	Thienemannimyia		count	Actual				
138	Tipula		count	Actual				
139	Tipulidae		count	Actual				
14	Bibiocephala grandis		count	Actual				
140	Trichocorixa calva		count	Actual				
141	Trichocorixa		count	Actual				
142	Tricorythodes minutus		count	Actual				
143	Triznaka signata		count	Actual				
144	Tubificidae		count	Actual				
145	Tvetenia		count	Actual				
146	Zaitzevia parvulus		count	Actual				
147	Nais		count	Actual				
148	Ophidonais serpentina		count	Actual				
149	Erpobdellidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
15	Brachycentrus americanus		count	Actual				
150	Erpobdella punctata		count	Actual				
151	Atractides		count	Actual				
152	Hygrobates		count	Actual				
153	Callibaetis		count	Actual				
154	Camelobaetidium warreni		count	Actual				
155	Caenis		count	Actual				
156	Corisella tarsalis		count	Actual				
157	Sigara alternata		count	Actual				
158	Trichocorixa borealis		count	Actual				
159	Ambrysus		count	Actual				
16	Brachycentrus occidentalis		count	Actual				
160	Notonecta undulata		count	Actual				
161	Notonecta		count	Actual				
162	Smicridea		count	Actual				
163	Leucotrichia pictipes		count	Actual				
164	Hesperophylax		count	Actual				
165	Limnephilus		count	Actual				
166	Rhyacophila pellisa		count	Actual				
167	Leptophlebia		count	Actual				
168	Libellula		count	Actual				
169	Capniidae		count	Actual				
17	Brillia		count	Actual				
170	Paracapnia angulata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
171	Paraleuctra		count	Actual				
172	Prostoia besametsa		count	Actual				
173	Zapada cinctipes		count	Actual				
174	Helichus striatus		count	Actual				
175	Helichus suturalis		count	Actual				
176	Peltodytes edentulus		count	Actual				
177	Ochthebius		count	Actual				
178	Enochrus		count	Actual				
179	Tropisternus ellipticus		count	Actual				
18	Caecidotea		count	Actual				
180	Chaetocladius		count	Actual				
181	Cladotanytarsus		count	Actual				
182	Dicrotendipes		count	Actual				
183	Endochironomus		count	Actual				
184	Heterotrissocladius		count	Actual				
185	Monodiamesa		count	Actual				
186	Pagastia		count	Actual				
187	Paracladius		count	Actual				
188	Paracladopelma		count	Actual				
189	Paraphaenocladius		count	Actual				
19	Caloparyphus		count	Actual				
190	Paratendipes		count	Actual				
191	Parorthocladius		count	Actual				
192	Potthastia longimana		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
193	Prodiamesa		count	Actual				
194	Psectrocladius		count	Actual				
195	Pseudodiamesa		count	Actual				
196	Pseudosmittia		count	Actual				
197	Chironomidae		count	Actual				
198	Tvetenia		count	Actual				
199	Dolichopodidae		count	Actual				
2	Acentrella turbida		count	Actual				
20	Cardiocladius		count	Actual				
200	Neoplasta		count	Actual				
201	Oreogeton		count	Actual				
202	Wiedemannia		count	Actual				
203	Gyraulus		count	Actual				
204	Tabanidae		count	Actual				
205	Ceratopogonidae		count	Actual				
206	Erioptera		count	Actual				
207	Gomphidae		count	Actual				
208	Chimarra utahensis		count	Actual				
209	Saldula		count	Actual				
21	Chelifera		count	Actual				
210	Laccobius		count	Actual				
211	Acricotopus		count	Actual				
212	Apedilum		count	Actual				
213	Atrichopogon		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
214	Physidae		count	Actual				
215	Gammarus lacustris		count	Actual				
216	Ferrissia		count	Actual				
217	Microvelia		count	Actual				
218	Rhagovelia		count	Actual				
219	Sciomyzidae		count	Actual				
22	Cheumatopsyche		count	Actual				
220	Acerpenna pygmaea		count	Actual				
221	Ephemera simulans		count	Actual				
222	Neochoroterpes oklahoma		count	Actual				
223	Pentaneura		count	Actual				
224	Cleptelmis ornata		count	Actual				
225	Nephelopsis obscura		count	Actual				
226	Stictotarsus		count	Actual				
227	Cricotopus nostocicola		count	Actual				
228	Cinygmula		count	Actual				
23	Chironemus		count	Actual				
230	Taeniopteryx		count	Actual				
231	Ptilostomis		count	Actual				
232	Hydroporus		count	Actual				
233	Attenella margarita		count	Actual				
234	Baetis magnus		count	Actual				
235	Torrenticola		count	Actual				
236	Sphaerium		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
24	Chloroperlidae		count	Actual				
25	Choroterpes inornata		count	Actual				
26	Claassenia sabulosa		count	Actual				
27	Coenagrionidae		count	Actual				
28	Collembola		count	Actual				
29	Corixidae		count	Actual				
3	Acroneuria abnormis		count	Actual				
30	Crangonyx		count	Actual				
31	Cricotopus		count	Actual				
32	Cryptochironomus		count	Actual				
33	Culoptila		count	Actual				
34	Cultus aestivalis		count	Actual				
35	Dasyhelea		count	Actual				
36	Diamesa		count	Actual				
37	Dicranota		count	Actual				
38	Dicrotendipes		count	Actual				
39	Dipheter hageni		count	Actual				
4	Agabus		count	Actual				
40	Diura knowltoni		count	Actual				
41	Doddsia occidentalis		count	Actual				
42	Drunella doddsi		count	Actual				
43	Drunella grandis		count	Actual				
44	Dubiraphia		count	Actual				
45	Dugesia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
46	Enchytraeidae		count	Actual				
47	Epeorus		count	Actual				
48	Ephemerella		count	Actual				
49	Ephydriidae		count	Actual				
5	Ameletus		count	Actual				
50	Eukiefferiella		count	Actual				
51	Fallceon quilleri		count	Actual				
52	Gelastocoris oculatus		count	Actual				
53	Glossosoma		count	Actual				
54	Glyptotendipes		count	Actual				
55	Helicopsyche		count	Actual				
56	Helobdella stagnalis		count	Actual				
57	Hemerodromia		count	Actual				
58	Heptagenia		count	Actual				
59	Hesperoperla pacifica		count	Actual				
6	Anacaena		count	Actual				
60	Hetaerina americana		count	Actual				
61	Heterolimnius corpulentus		count	Actual				
62	Hexatoma		count	Actual				
63	Hyalella azteca		count	Actual				
64	Hydrobaenus		count	Actual				
65	Hydropsyche		count	Actual				
66	Hydroptila		count	Actual				
67	Isogenoides		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68	Isoperla fulva		count	Actual				
69	Isoperla		count	Actual				
7	Antocha		count	Actual				
70	Lebertia		count	Actual				
71	Lepidostoma		count	Actual				
72	Limnophora		count	Actual				
73	Limnophyes		count	Actual				
74	Liodessus		count	Actual				
75	Lopescladius		count	Actual				
76	Lumbricidae		count	Actual				
77	Lymnaeidae		count	Actual				
78	Megarcys signata		count	Actual				
79	Microcyloepus pusillus		count	Actual				
8	Arctopsyche grandis		count	Actual				
80	Micropsectra		count	Actual				
81	Microtendipes		count	Actual				
82	Mooreobdella fervida		count	Actual				
83	Mooreobdella microstoma		count	Actual				
84	Naididae		count	Actual				
85	Nanocladius		count	Actual				
86	Narpus concolor		count	Actual				
87	Nectopsyche		count	Actual				
88	Nematoda		count	Actual				
89	Odontomesa		count	Actual				

Characteristic Group Details

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CORIVWCH The Rivers of Colorado Water Watch Network (RiverWatch)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
9	Argia		count	Actual				
90	Oecetis		count	Actual				
91	Oligophlebodes minutus		count	Actual				
92	Ophiogomphus severus		count	Actual				
93	Optioservus castanipennis		count	Actual				
94	Optioservus divergens		count	Actual				
95	Optioservus		count	Actual				
96	Orconectes		count	Actual				
97	Oreodytes		count	Actual				
98	Pagastia		count	Actual				
99	Parakiefferiella		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-006	Substrate Composition	Field Msr/Obs					Y

Citations CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	General Observation (text)									
10	RBP2, Substrate, Inorganic, Clay, <0.004 mm	%		Actual						
11	RBP2, Substrate, Organic, Detritus, Sticks, Wood, etc.(CPOM)	%		Actual						
12	RBP2, Substrate, Organic, Muck-Mud, Black-Fine (FPOM)	%		Actual						
13	RBP2, Substrate, Organic, Marl,	%		Actual						

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CORIVWCH

The Rivers of Colorado Water Watch Network (RiverWatch)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
	Grey Shell Fragments										
14	RBP2, Habitat Type, Vegetated Banks (%)	%		Actual							
15	RBP2, Habitat Type, Submerged Macrophytes (%)	%		Actual							
16	RBP2, Habitat Type, Snags (%)	%		Actual							
17	Substrate - miscellaneous other	%		Actual							
18	Substrate - miscellaneous other	%		Actual							
2	General Observation (text)										
3	RBP Stream Depth - Riffle	in		Actual							
4	RBP2, Substrate, Inorganic, Bedrock	%		Actual							
5	RBP2, Substrate, Inorganic, Boulder, >256 mm	%		Actual							
6	RBP2, Substrate, Inorganic, Cobble, 64-256 mm	%		Actual							
7	RBP2, Substrate, Inorganic, Gravel, 2-64 mm	%		Actual							
8	RBP2, Substrate, Inorganic, Sand, 0.06-2 mm	%		Actual							
9	RBP2, Substrate, Inorganic, Silt, 0.004-0.06 mm	%		Actual							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-008	RIFFLE CROSS SECTION	Field Msr/Obs	Water				N

Citations CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114

Characteristic Group Details

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CORIVWCH The Rivers of Colorado Water Watch Network (RiverWatch)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth	in		Actual					2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-008X	Riffle Cross Section	Field Msr/Obs					Y

Citations CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114

Row ID	Characteristic Name	Description
1	XSDepth	Cross section depth per step across stream/river. Interval is stored in RepNum, and Units vary from in, ft, cm, and m.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-009	Water Chemistry - Field Data	Field Msr/Obs	Water				N

Citations CORIVWCH - The Rivers of Colorado Water Watch Network, 2003, Sample Plan 2003, Colorado Division of Wildlife, 1-114

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOSAT	Dissolved oxygen saturation	%		Calculated					4	
DO_MGL	Dissolved oxygen (DO)	mg/l		Actual					4	
	Acceptable Range	0.50000 - 17.00000 mg/l								
PH	pH	None		Actual					150.1	
PHEN_ALK	Alkalinity, Carbonate as CaCO3	mg/l		Actual					310.1	
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
TEMPC	Temperature, water	deg C		Actual					1	
TOTAL_ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					310.1	
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
TOTAL_HARD	Hardness, Ca + Mg	mg/l		Actual					2340	
	Acceptable Range	3.00000 - 1,000.00000 mg/l								

Characteristic Group Details

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CORIVWCH

The Rivers of Colorado Water Watch Network (RiverWatch)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
USGS_FLOW	Flow	cfs		Actual	Mean				5	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-010	BenthicsGrid	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
1	GRID_COUNT	Counts for a benthic grid sampling procedure

Characteristic Group Details

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CT_DEP01

Connecticut Dept. of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTERIA	Indicator bacteria	Sample	Water				N

Citations CTBEACHQAPP - Ernest Pizzuto, 2003, QAPP-Indicator bacteria monitoring of state-owned and managed bathing areas, CT
 DEP Ambient Monitoring Program, revision 1 page 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
ECOLI	Escherichia coli	cfu/100ml		Estimated	MPN				COLILERT		
	Acceptable Range	10.00000 - 24,001.00000 cfu/100ml									
ENTERO	Enterococcus Group Bacteria	cfu/100ml		Estimated	MPN				ASTM D6503		
	Acceptable Range	10.00000 - 24,001.00000 cfu/100ml									
TCOL	Total Coliform	cfu/100ml	Total	Estimated	MPN				COLILERT		
	Acceptable Range	10.00000 - 24,001.00000 cfu/100ml									

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
789	gdf	Field Msr/Obs	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition
Description jhkJ jojopi

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Cloud cover	%		Estimated					7543	
	Acceptable Range	0.00000 - 100.00000 %								
2	Floating debris - severity (choice list)								7890	
3	Sea Waves Severity								2657	
4	Depth	m		Actual					5087	
	Acceptable Range	0.00000 - 100.00000 m								
6	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.1	
	Acceptable Range	0.00000 - 100.00000 mg/l								
7	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	0.00000 - 100.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ABREV	OUTLOOK - Lab Measurements	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00080	Color, True	PCU		Actual					2120-B	
00095	Specific conductance	umho/cm	Total	Estimated						
00403	pH	None		Actual						
00530	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.2_M	
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual						

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
00665	Phosphorus	mg/l	Total	Actual						
31501	Total Coliform	cfu/100ml	Total	Estimated					9222-B	
31616	Fecal Coliform	cfu/100ml	Total	Estimated					9222-D	
31649	Enterococcus Group Bacteria	cfu/100ml	Total	Actual						
32210	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	
32211	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
AIR	Medium=Air	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual						
00045	Precipitation	in		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BUGS	benthic macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Tanytarsus agrayloides							
	Tanytarsus curticornis							
	Tanytarsus guerlus							

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CAC-FISH	Fish census	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Pollution	Functional Feeding Group	Trophic Level
	Esox americanus								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CAC-OBS	Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Wind direction (direction from, expressed 0-360 deg)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	Manning/King Ecosystem Health	Field Msr/Obs					Y

Citations Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp
Description This Habitat Assessment technique was first pioneered by Manning in the early 1950's, it was modified and adapted by King to be applied to large estuaries. This system is an excellent barometer of ecosystem health.

Row ID	Characteristic Name	Description
1	Bottom Substrate Cover	Scored on a 0-10, 0=no cover, 10=physical + organic cover
10	Calculated Index	This is the calculated index for the habitat evaluation, scores 1-100. 1=no life possible, 100=garden of Eden environment. Based on an old world recipe which focuses on life potential. First introduced by Manning, 1989.
2	Embeddedness	Scored on a 1-5 scale, 1=no objects embedded, 5=all objects embedded.
3	Channel Alteration	Scored on a 1-3 scale, 1=no alterations, 2=moderate alterations, 3=entire channel impacted.
4	Stream Flow Category	Scored on a 1-5 scale from USGS Stream Flow Index
5	Bottom Scouring & Deposition	Scored on a 0-100%, 0=completely scoured no deposition, 100=total deposition
6	Run/Bend Pool/Riffle Ratio	Scored as a simple ratio.

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Row ID	Characteristic Name	Description
7	Bank Stability	Scored on a points system, 1-100 points available, 1=total unstability, 100=completely stable.
8	Bank Vegetative Stability	Scored on a 1-100 points system, 1=Unstable, 100=Completely covered.
9	Streamside Cover	Scored on a 1-100 points system, 1=no cover, 100=completely covered, only indirect sunlight penetration.
DEANTEST	DEANTEST DeanTest	This is a test and only a test of the system
MIKETEST	MIKE MIKE	This is a test too

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	RBP Habitat Assessment	Field Msr/Obs					Y

Citations Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	RBP Bank Stability, Right									
10	RBP Channel Sinuosity									
11	RBP Channelized Y/N									
12	RBP Embeddedness									
13	RBP Epifaunal Substrate									
14	RBP Frequency of Riffles									
15	RBP High Water Mark	ft		Actual						
16	RBP Instream Cover									
17	RBP Local Watershed Erosion									
18	RBP Local Watershed NPS Pollution									
19	RBP Pool Substrate									
2	RBP Bank Vegetative Protection, Left									
20	RBP Pool Variability									
21	RBP Predominant Surrounding									

Characteristic Group Details

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Interstate Sanitation Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Land Use									
22	RBP Sediment Deposition									
23	RBP Sediment Odors									
24	RBP Sediment Oils									
25	RBP Stream Depth - Pool	in		Actual						
26	RBP Stream Depth - Riffle	in		Actual						
27	RBP Stream Depth - Run	ft		Actual						
28	RBP Stream Type									
29	RBP Stream Velocity	ft/sec		Actual						
3	RBP Bank Vegetative Protection, Right									
30	RBP Stream Width	ft		Actual						
31	RBP Substrate - Bedrock	%		Actual						
32	RBP Substrate - Boulders >256 mm	% by vol		Actual						
33	RBP Substrate - Cobbles 64-256 mm	% by vol		Actual						
34	RBP Substrate - Detritus - Coarse Particulate	% by vol		Actual						
35	RBP Substrate - Gravel 2-64 mm	% by vol		Actual						
36	RBP Substrate - Marl - Gray, Shell Fragments	% by vol		Actual						
37	RBP Substrate - Muck/Mud - Very Fine Particles	% by vol		Actual						
38	RBP Substrate - Sand 0.06-2.0 mm	% by vol		Actual						
39	RBP Substrate - Silt 0.004-0.06 mm	% by vol		Actual						
4	RBP Bank Vegetative Stability,									

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Left									
40	RBP Turbidity Code									
41	RBP Undersides of Loose Stones Black Y/N									
42	RBP Water Odors									
43	RBP Water Surface Oils									
44	RBP Bank Stability, Left									
5	RBP Bank Vegetative Stability, Right									
6	RBP Bottom Substrate									
7	RBP Canopy Cover									
8	RBP Channel Alteration									
9	RBP Channel Flow Status									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	Quarterly Canal Field Tests	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	Canal Bacteria	Sample	Water				N

Citations American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition., American Public Health Association, 20th Edition

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	General Station Observations	Field Msr/Obs	Water				N

Citations Commission for a Good Clean Chesapeake Bay, 1991, Standard Procedures for Sampling the Chesapeake Bay, Virginia Beach Press, 290 pp

Description This is a group of direct measurements and observations which are performed at each Station Visit.

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water Acceptable Range	deg C 5.00000 - 18.00000 deg C		Actual					TEMP-001	
10	Turbidity Acceptable Range	NTU 0.00000 - 20.00000 NTU		Actual						
2	Specific conductance Acceptable Range	umho 0.00000 - 50.00000 umho		Actual				25 Deg C	D1125(A)	
3	Salinity Acceptable Range	ppt 2.00000 - 35.00000 ppt	Dissolved	Actual					8168	
4	Dissolved oxygen (DO) Acceptable Range	mg/l 0.00000 - 11.00000 mg/l	Total	Actual					DO-001	
5	Alkalinity, Carbonate as CaCO3 Acceptable Range	mg/l 50.00000 - 300.00000 mg/l	Total	Actual					8226	
6	pH Acceptable Range	None 3.00000 - 9.00000 None	Total	Actual					8156	
7	Stream stage height Acceptable Range	ft 5.00000 - 15.00000 ft		Actual					STATION OBS	
8	General Observation (text)									
9	Velocity - stream	ft/sec		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	General Weather Obs	Field Msr/Obs	Air				N
Citations	Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp						
Description	Group of general weather observations collected at each station visit.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Barometric pressure Acceptable Range	mm/Hg 700.00000 - 1,100.00000 mm/Hg		Actual					WEATHER-001	
2	Cloud cover (choice list)								WEATHER-001	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
3	Cloud type (choice list)								WEATHER-001	
4	Relative humidity	%		Actual					WEATHER-001	
	Acceptable Range	25.00000 - 100.00000 %								
5	Precipitation	in		Actual					WEATHER-001	
	Acceptable Range	0.00000 - 15.00000 in								
6	Temperature, air	deg C		Actual					WEATHER-001	
	Acceptable Range	5.00000 - 35.00000 deg C								
7	Temperature, wet bulb	deg C		Actual					WEATHER-001	
	Acceptable Range	5.00000 - 35.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	Canal Nutrients & TOC	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
465	Iron	mg/l	Total	Actual					D1068(B)		
666	Propachlor	Deg	Vapor	Estimated	Standard Deviation					TCLP-ZHE	
	Acceptable Range	0.00000 - 10,000,000.00000 Deg									
	Nitrogen, ammonia (NH3) as NH3										

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-005	Wicomico River Fish	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Citations Dr. Lee Manning, 1988, What the Hell is This? - Taxonomy of the Chesapeake Bay, University of Virginia Press, 1290 pp
Description This is a list of the most often encountered fish in the Wicomico River.

Characteristic Group Details

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DEMOTEST **Interstate Sanitation Commission**

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Catostomus commersoni			Actual				
	Esox	sp.1		Actual				
	Ictalurus natalis			Actual				
	Ictalurus nebulosus			Actual				
	Micropterus salmoides			Actual				
	Morone americana			Actual				
	Notemigonus crysoleucas			Actual				
	Perca flavescens			Actual				
	Pomoxis nigromaculatus			Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-005	CANAL ORTHOPHOSPHATE	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-006	Fish Measures	Sample	Biological	Taxon Abundance	Fish/Nekton	Single Taxon Individuals	N

Citations Commission for a Good Clean Chesapeake Bay, 1991, Standard Procedures for Sampling the Chesapeake Bay, Virginia Beach Press, 290 pp

Description Group of the most common measures and observations of fish.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Lifestage (choice list)									
	General Observation (text)									
	Weight									
	Sex (choice list)									
	Length, Fork (Fish)									

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-006	PIGMENTS	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-007	Bio Individual Fish Measures	Sample	Biological	Individual			N

Citations Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp
Description Group of the most common bio individual fish measures, conducted only on those fish that are parents of tissue samples.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Length, Fork (Fish)	mm		Actual		Wet			FISH MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 mm								
2	Weight	g		Actual		Wet			FISH MEASURES	
	Acceptable Range	0.00000 - 100.00000 g								
3	Sex (choice list)								FISH MEASURES	
4	Lifestage (choice list)								FISH MEASURES	
5	General Observation (text)									
	Plankton									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-007	Turbidity	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-008	Tissue Metals	Sample	Biological	Tissue			N

Citations Commission for a Good Clean Chesapeake Bay, 1991, Standard Procedures for Sampling the Chesapeake Bay, Virginia Beach Press, 290 pp
Description General metals for tissue analysis.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Cadmium Acceptable Range	mg/kg	Total	Actual					200.11	SFSAS_FT_PREP
2	Chromium Acceptable Range	mg/kg	Total	Actual					200.11	SFSAS_FT_PREP
3	Copper Acceptable Range	mg/kg	Total	Actual					200.11	SFSAS_FT_PREP
4	Lead Acceptable Range	mg/kg	Total	Actual					972.23	SFSAS_FT_PREP
5	Nickel Acceptable Range	mg/kg	Total	Actual					200.11	P-010-1
6	Zinc Acceptable Range	mg/kg	Total	Actual					200.11	SFSAS_FT_PREP
7	Iron Acceptable Range	mg/kg	Total	Actual					200.11	SFSAS_FT_PREP
8	Mercury Acceptable Range	mg/kg	Total	Actual					974.14	SFSAS_FT_PREP

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-008	Turbidity Lab	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-009	Herbicides & Insecticides	Sample	Water				N

Citations Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp
Description Herbicides and Insecticides found in water.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					PMD-DCA(GC2)	P-010-1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00500 - 3.00000 ug/l								
10	Bentazone	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
11	Cyanazine	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
12	Bromacil	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
13	Fluometuron	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
2	2,4-DB, Dichlorophenoxybutyric acid	ug/l	Total	Actual					PMD-DCA(GC1)	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
3	Chlordane	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
4	Carbofuran	ug/l	Total	Actual					PMD-CBF	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
5	Diazinon	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
6	Malathion	ug/l	Total	Actual					PMD-MAL(IR)	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
7	BHC-gamma (Lindane)	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
8	Sevin	ug/l	Total	Actual					PESTICIDIES	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								
9	Atrazine	ug/l	Total	Actual					PMD-FLM	P-010-1
	Acceptable Range	0.00500 - 3.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-010	Chesapeake Bay Plankton	Sample	Biological	Taxon Abundance	Phytoplankton/Zooplankton	Multi-Taxon Population Census	N

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Citations Dr. Lee Manning, 1988, What the Hell is This? - Taxonomy of the Chesapeake Bay, University of Virginia Press, 1290 pp
Description General list of phytoplankton and zooplankton in Chesapeake Bay.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Anacystis	sp.1		Calculated	Mean	N/A	N/A	N/A
	Brachionus	sp.1		Calculated	Mean	N/A	N/A	N/A
	Ceratium hirundinella			Calculated	Mean	N/A	N/A	N/A
	Cyclops	sp.1		Calculated	Mean	N/A	N/A	N/A
	Cyclops vernalis			Calculated	Mean	N/A	N/A	N/A
	Cyclotella	sp.1		Calculated	Mean	N/A	N/A	N/A
	Diffugia	sp.1		Calculated	Mean	N/A	N/A	N/A
	Keratella cochlearis			Calculated	Mean	N/A	N/A	N/A
	Melosira	sp.1		Calculated	Mean	N/A	N/A	N/A
	Melosira varians			Calculated	Mean	N/A	N/A	N/A
	Oscillatoria formosa			Calculated	Mean	N/A	N/A	N/A
	Scenedesmus abundans			Calculated	Mean	N/A	N/A	N/A
	Scenedesmus armatus			Calculated	Mean	N/A	N/A	N/A
	Spirogyra	sp.1		Calculated	Mean	N/A	N/A	N/A

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-011	Wicomico Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
	Citations	Commission for a Good Clean Chesapeake Bay, 1991, Standard Procedures for Sampling the Chesapeake Bay, Virginia Beach Press, 290 pp					
	Description	Wicomico River Macroinvertebrates.					

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Argia	sp.1		Estimated	Maximum	A0L9	PR	M
	Asellus communis			Actual		A8.0	FC	A
	Baetis intercalaris			Actual		A0L6	CG	B
	Cheumatopsyche	sp.1		Estimated	Maximum	A0L7	FC	N
	Chimarra obscura			Actual		A0L3	FC	N
	Corydalus cornutus			Actual		A0L6	PR	M
	Ephemerella rotunda			Actual		A0L4	FC	X
	Glyptotendipes lobiferus			Actual		A0L9	SH	X
	Hydropsyche betteni			Actual		A0L5	FC	N
	Ischnura	sp.1		Estimated	Maximum	A0L9	PR	M
	Isonychia	sp.1		Actual		A0L3	FC	N
	Leptophlebia	sp.1		Actual		A0L5	FC	N
	Rheocricotopus robacki			Actual		A0L7	CG	M
	Rheotanytarsus exiguus			Actual		A0L6	FC	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-012	Water Chemistry-Metals	Sample	Water				N

Citations Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp

Description General list of dissolved metals found in the water column of Chesapeake Bay.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Arsenic	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
10	Zinc	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00500 - 3.00000 mg/l								
11	Color, True	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								
12	Fecal Coliform			Actual					8001(A2)	SFSAS_FT_PREP
2	Cadmium	mg/l	Dissolved	Calculated	Mean				PMD-CD	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
3	Chromium, hexavalent	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
4	Chromium, trivalent	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
5	Iron	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
6	Lead	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
7	Nickel	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
8	Mercury	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								
9	Selenium	mg/l	Dissolved	Calculated	Mean				200.1	LSP-002
	Acceptable Range	0.00500 - 3.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-013	Water Chemistry-Nutrients	Sample	Water				N
Citations	Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp						
Description	General list of Nutrients in the water column of Chesapeake Bay.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, ammonia (NH3) as	mg/l	Total	Actual					8038	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	NH3									
	Acceptable Range	0.00500 - 5.00000 mg/l								
10	Solids, Total Suspended (TSS)	mg/l	Total	Actual					8163	LSP-002
	Acceptable Range	0.00000 - 750.00000 mg/l								
11	Silica	mg/l	Total	Actual					12700	LSP-002
	Acceptable Range	0.00000 - 15.00000 mg/l								
2	Nitrogen, organic	mg/l	Total	Actual					11550	LSP-002
	Acceptable Range	0.00000 - 100.00000 mg/l								
3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					352.1	LSP-002
	Acceptable Range	0.00000 - 100.00000 mg/l								
4	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					12539	LSP-002
	Acceptable Range	0.00000 - 100.00000 mg/l								
5	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					365.5	LSP-002
	Acceptable Range	0.00000 - 100.00000 mg/l								
6	Salinity	ppt	Dissolved	Actual					8225	LSP-002
	Acceptable Range	0.00000 - 35.00000 ppt								
7	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					8157	LSP-002
	Acceptable Range	0.00000 - 12.00000 mg/l								
8	Temperature, water	deg F		Actual					TEMP-001	
	Acceptable Range	0.00000 - 90.00000 deg F								
9	Specific conductance	umho		Actual					D1125(A)	LSP-002
	Acceptable Range	0.00000 - 50.00000 umho								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-014	Sediment Analysis	Sample	Sediment				N

Citations Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp
Description These are standard size classes for sediment.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Substrate - cobbles, small Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Larger than Phi= -6			
10	Substrate - sand, fine Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = 2 to 3			
11	Substrate - sand, very fine Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi= 3 to 4			
12	Substrate - silt, coarse Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = 5 to 4			
13	Substrate - silt, medium Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = 6 to 5			
14	Substrate - silt, fine Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = 7 to 6			
15	Substrate - silt, very fine Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = 8 to 7			
16	Substrate - clay, medium Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = 9 to 8			
2	Substrate - gravel, very coarse Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi= -5 to -6			
3	Substrate - gravel, coarse Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi= -4 to -5			
4	Substrate - gravel, medium Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = -3 to -4			
5	Substrate - gravel, fine Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi= -2 to -3			
6	Substrate - gravel, very fine Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi = -1 to -2			
7	Substrate - sand, very coarse Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi= 0 to -1			
8	Substrate - sand, coarse Acceptable Range	% by vol 0.00000 - 100.00000 % by vol		Calculated					SEDIMENT	
					Particle Size Basis		Phi= 1 to 0			
9	Substrate - sand, medium	% by vol		Calculated					SEDIMENT	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis	Phi= 1 to 2				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-015	Data Logger Probes, water	Data Logger	Air				N
	Citations	Commission for a Good Clean Chesapeake Bay, 1991, Standard Procedures for Sampling the Chesapeake Bay, Virginia Beach Press, 290 pp					
	Description	This is the standard set of probes used for water quality.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, ammonia (NH3) as NH3	mg/l	Dissolved	Calculated	Mean					
2	Temperature, water	deg C		Calculated	Mean					
3	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-016	Submergent Vegetation Survey	Field Msr/Obs					Y
	Citations	Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp					
	Description	This is a aquatic vegetation survey which was developed for the Chesapeake Bay by Dr. Ken Bazata, world famous biologist now living somewhere in the center of the county. This survey was first published in Manning, 1987.					

Row ID	Characteristic Name	Description
1	Potamogeton (pondweed)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance
2	Naja (bushy pondweed)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance
3	Anacharis (water weed)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance
4	Valleneria (eel or tape grass)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance
5	Ceratophyllum (coontail)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance

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Row ID	Characteristic Name	Description
6	Ranunculus (buttercup)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance
7	Myriophyllum (water millfoil)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance
8	Zannichellia (horned pondweed)	Scored on a scale of 1-5 for dominance. 1=not present, 5=total dominance

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-017	Micro-Habitat Assessment	Field Msr/Obs					Y
Citations	Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp						
Description	This is a micro habitat assessment used in conjunction with kick-net operations. Many of these assessments may be conducted at a single station visit.						

Row ID	Characteristic Name	Description
1	Pool Depth	Depth of the pool or run coterminous with kick-net sampling or other benthic sampling operations.
2	Substrate Composition	Composition of bottom expressed in percent pebbles.
3	Consistent Area	Area in sq meters which is consistent with evaluation.
4	Epifaunal Substrate	Percent of substrate available for habitation.
5	Riffle/Run ratio	Ratio of Riffles to Run over bottom in the sampling area.
6	Instream Cover	Expressed as the inverse or the sum of squares of the last 10 measures taken before midnight of the month of the full moon. The default value for this entry is 6.66.
7	Calculated Index	The index is calculated with the aid of the rising tide. Values 1-37 indicate no life present or possible, 38-78 life forms may be encountered, 79-100 watch your back.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-018	Sediment Toxicity	Sample	Sediment				N
Citations	Dr. Lee Manning, 1987, Sampling the Chesapeake Bay for Fun and Profit, University of Virginia Press, 589 pp						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2	Depth	m		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
3	Depth, bottom	m		Actual					7543	
4	Depth, Secchi Disk Depth	m		Actual						
5	Dissolved oxygen (DO)	mg/l		Actual						
	Salinity									
	Temperature, water									
	pH									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-019	Data Logger Probes #2	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual						
2	Specific conductance	mS/cm		Actual						
3	Dissolved oxygen (DO)	mg/l		Actual						
4	pH	None		Actual						
5	Oxidation reduction potential (ORP)	mV		Actual						
6	Depth, data-logger (non-ported)	ft		Actual						
DEPTH	pH	m		Actual					PH IN WATER	
E_COLI	Depth, data-logger (non-ported)	#/100ml		Actual					8001(A2)	
	Acceptable Range	0.00000 - 0.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CJA-ESB	Fish	Sample	Biological	Individual			N

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DFG	fgnfbmngghfm	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EL-FISH	Fish census	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
10	Esox americanus		count	Actual				
20	Ictalurus punctatus		count	Actual				
30	Oncorhynchus mykiss		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EL-NUT	nutrients	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Nitrogen, Nitrate (NO3) as NO3	ug/l	Dissolved	Actual					D3867(A)	
20	Nitrogen, Kjeldahl	mg/l	Total	Actual					D3590(B)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
EL-OBS	Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Temperature, air	deg C		Actual						
20	Temperature, water	deg C		Actual						
30	Wind velocity	mph		Actual						
40	Wind direction (direction from,	Deg		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	expressed 0-360 deg)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FGF	dgfsffg	Field Msr/Obs	Water				N
Citations		American Society for Testing of Materials, 1994, ASTM Standards. Petroleum Products, Lubricants & Fossil Fuels (I), American Society for Testing and Materials, Vol 5.01					
Description		ghjkfghkjyfgk					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chlorophyll a, uncorrected for pheophytin	mg/l	Total	Actual	MPN		24 Hours	20 Deg C	10200-H	3050-B
Acceptable Range		0.00000 - 1,000.00000 mg/l								
		Pheophytin-a								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	OUTLOOK FILE-Field Parameters	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00045	Precipitation	in		Actual						
00094	Specific conductance	umho/cm	Total	Actual						
00299	Dissolved oxygen (DO)	mg/l	Total	Estimated						
00406	pH	None		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00480	Salinity Turbidity	ppt		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD2	Field_Group	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GDFZ	cvbncvzbnczvbn	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GFS	HRTJJKJJ	Field Msr/Obs	Water				N

Citations American Society for Testing of Materials, 1994, ASTM Standards. Petroleum Products, Lubricants & Fossil Fuels: Gaseous Fuels; Coal & Coke, American Society for Testing and Materials, Vol 5.05
Description GHJGH;.KL;KL;KH;HJLGJ

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Bacteria, nitrifiers Bacteria, denitrifiers Fecal Streptococcus Group Bacteria Fecal Coliform									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ISC-0001	LIS Ambient Monitoring	Field Msr/Obs	Water				N

Citations American Society for Testing of Materials, 1994, ASTM Standards. Petroleum Products, Lubricants & Fossil Fuels: Gaseous Fuels; Coal & Coke, American Society for Testing and Materials, Vol 5.05

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Description none

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4	Wind velocity	Deg		Actual						
5	Wind velocity	mph		Actual						
CHL-A	Chlorophyll a, uncorrected for pheophytin	ng/cm3	Total	Actual						
	Acceptable Range	0.00000 - 20.00000 ng/cm3								
CHL-ABC	Chlorophyll (a+b+c)	lb	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 lb								
CHL-B	Chlorophyll-b	kg/m3	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 kg/m3								
CHL-C	Chlorophyll-c	kg	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 kg								
CHLOR	Chloride	g/kg	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 g/kg								
CL-CO-CH	Cloud cover (choice list)									
CL-CO-CO	Cloud type (choice list)									
CL-COVER	Cloud cover	%		Estimated						
DEPTH	Depth	m		Actual						
	Acceptable Range	0.00000 - 100.00000 m								
DEPTH-BO	Depth, bottom	m		Actual						
	Acceptable Range	0.00000 - 100.00000 m								
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					STATION OBS	
	Acceptable Range	0.00000 - 20.00000 mg/l								
FL-ALGAE	Algae, floating mat - severity (choice list)									
FL-DEBRI	Floating debris - severity (choice list)									
FL-SLUDG	Sludge, floating - severity (choice list)									
F_L_MIN	Precipitation Time Since Event	mm		Actual	Minimum	Wet			FISH	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
									MEASURES	
OIL-GR	Oil and Grease	g	Total	Actual						
PRE-DUR	Precipitation event duration	hours		Actual						
PRE-TI	Precipitation Time Since Event	hours		Actual						
PRECIP	Precipitation	in		Actual						
S-CHL	Sodium chlorate	kg/m3	Total	Actual						
	Acceptable Range	0.00000 - 10.00000	kg/m3							
SAL	Salinity	ppt	Total	Actual					8225	
	Acceptable Range	0.00000 - 100.00000	ppt							
SEA-WAVE	Sea Waves Severity									
TEMP	Temperature, water	deg C		Actual					TEMP-001	
	Acceptable Range	0.00000 - 100.00000	deg C							
TIDE-CYC	Tide cycle duration	hours		Actual						
	Acceptable Range	0.00000 - 100.00000	hours							
TIDE-RNG	Tide range	ft		Actual						
	Acceptable Range	0.00000 - 100.00000	ft							
TIDE-STG	Tide stage (choice list)									
WEATHER	Weather Comments (text)									
WIND-D	Wind direction (direction from, expressed 0-360 deg)	%		Actual						
WIND-V	Wind velocity	km/sec		Estimated						
	Cloud cover									
	Nitrogen, ammonia (NH3) as NH3									
	Cryptosporidium									
	Pfiesteria piscicida									
	Fecal Coliform									
	Total Coliform									

Characteristic Group Details

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DEMOTEST Interstate Sanitation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
KKKKK	sdfsdf	Field Msr/Obs	Water				N
Citations		American Public Health Association, 1984, Laboratory Procedures for the Examination of Seawater and Shellfish, American Public Health Association, Vol --					
Description		sdfsdfsdfsdf					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Oil and Grease									
	Floating debris - severity (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MLC-FISH	Fish	Sample	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NOW1	ambient1	Field Msr/Obs	Water				N
Citations		American Society for Testing of Materials, 1994, ASTM Standards. Soil and Rock (II), American Society for Testing and Materials, Vol 4.09					
Description		fdffdfdfdfdfdf					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DDD	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.1	LSP-002
	Acceptable Range	0.00000 - 20.00000 mg/l								
FFEf	Depth	m		Actual						3030-C
	Acceptable Range	0.00000 - 100.00000 m								
FFQRf	Salinity	ppt	Total	Actual					8225	P-010-1
	Acceptable Range	0.00000 - 50.00000 ppt								
QF	Temperature, water	deg C		Actual					STATION OBS	LSP-001
	Acceptable Range	0.00000 - 100.00000 deg C								

Characteristic Group Details

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DEMOTEST Interstate Sanitation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NOW2	ambient2	Field Msr/Obs	Water				N

Citations American Society for Testing of Materials, 1994, ASTM Standards. Soil and Rock (I), American Society for Testing and Materials, Vol 4.08

Description fsvsvasva

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ERTG	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.1	50.6
	Acceptable Range	0.00000 - 50.00000 mg/l								
GBSS	Salinity	ppt	Total	Actual					8225	50.6
	Acceptable Range	0.00000 - 100.00000 ppt								
SDB	Depth	m		Actual						D4638
	Acceptable Range	0.00000 - 100.00000 m								
SGB	Temperature, water	deg C		Actual					STATION OBS	3050-B
	Acceptable Range	0.00000 - 100.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEG	TESTING _ NWF	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COPPER	Copper	ug/l	Total	Actual					200.1	200.2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
QQQQQQQQ	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAAGFM	DEP_NE_FLD	Field Msr/Obs	Water				N

Characteristic Group Details

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Interstate Sanitation Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00021	Temperature, air	deg F		Actual					170.1	
00035	Wind velocity	mph		Actual						
00036	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
00055	Velocity - stream	ft/sec		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RAAGJLM	DEP_NE_LAB	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00076	Turbidity	NTU	Total	Actual					D1889	
00310	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
00535	Solids, Fixed	mg/l	Non-filterable	Actual						200.2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RG	gdfgdfg	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Sea Waves Severity									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SJR4	Biologicals	Sample	Water				N

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DEMOTEST

Interstate Sanitation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEST	testing	Data Logger	Water				N

Citations Commission for a Good Clean Chesapeake Bay, 1991, Standard Procedures for Sampling the Chesapeake Bay, Virginia Beach Press, 290 pp

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, ammonia (NH3) as NH3									
	Dissolved oxygen (DO)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEST	test	Field Msr/Obs	Water				N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEST_F	fkaasd	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
%DO	Dissolved oxygen saturation	%		Actual						
CONDUCT	Specific conductance	ppt		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
PH	pH	None		Actual						
SAL	Salinity	mg/l		Actual						
TEMPA	Temperature, air	deg C		Actual						
TEMPW	Temperature, water	deg C		Actual						
TIDE	Tide stage (choice list)									
TUR	Turbidity	mg/l		Actual						
WAVES	Sea Waves Severity									
WIND	Wind direction (direction from,	Deg		Actual						

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Environmental Monitoring and Assessment Program

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BSPECEW9	Benthic infauna:West 1999-2000	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations U.S. Environmental Protection Agency, 2001, National Coastal Assessment: Field Operations Manual, USEPA NHEERL, Gulf Ecology Division, Gulf Breeze, FL, 72

Description Counts of benthic infauna collected in one grab for the EMAP-West 1999-2000 program.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1001	Epitonium		count	Actual				
1005	Erichthonius brasiliensis		count	Actual				
1007	Erichthonius		count	Actual				
1012	Euchone incolor		count	Actual				
1017	Dolichopodidae		count	Actual				
1020	Dorvilleidae		count	Actual				
1022	Drilonereis longa		count	Actual				
1043	Dispio uncinata		count	Actual				
1080	Crepidula convexa		count	Actual				
111	Harmothoe imbricata		count	Actual				
1115	Cirriformia	sp.1	count	Actual				
1130	Corbicula fluminea		count	Actual				
1134	Chaetozone	sp.1	count	Actual				
1143	Chone infundibuliformis		count	Actual				
118	Melita nitida		count	Actual				
1214	Boccardia ligerica		count	Actual				
1228	Balanus crenatus		count	Actual				
123	Notomastus tenuis		count	Actual				
125	Ophelina acuminata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
126	Edwardsia		count	Actual				
1262	Autolytus	sp.1	count	Actual				
127	Ampelisca		count	Actual				
1276	Aricidea		count	Actual				
128	Ampithoe valida		count	Actual				
143	Cyclaspis		count	Actual				
145	Diptera		count	Actual				
146	Hydrobiidae		count	Actual				
149	Amphilocheidae		count	Actual				
1637	Marenzelleria viridis		count	Actual				
164	Ophryotrocha		count	Actual				
1648	Ostracoda		count	Actual				
1684	Calanoida		count	Actual				
1698	Eteone		count	Actual				
17	Anthozoa		count	Actual				
170	Gastropoda		count	Actual				
1703	Eusarsiella zostericola		count	Actual				
171	Onuphidae		count	Actual				
1735	Polydora cornuta		count	Actual				
174	Chironomidae		count	Actual				
175	Mysidae		count	Actual				
1763	Sphaerosyllis		count	Actual				
1769	Trochochaeta multisetosa		count	Actual				
177	Asciadiacea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1796	Rhepoxynius	sp.1	count	Actual				
1801	Dubiraphia		count	Actual				
1803	Chironomidae		count	Actual				
1814	Caecum		count	Actual				
1817	Urosalpinx cinerea		count	Actual				
182	Turbellaria		count	Actual				
1829	Argissa hamatipes		count	Actual				
183	Xanthidae		count	Actual				
1850	Yoldia		count	Actual				
1865	Anobothrus gracilis		count	Actual				
187	Opheliidae		count	Actual				
1888	Maldanidae		count	Actual				
19	Aoridae		count	Actual				
1904	Hexagenia		count	Actual				
1917	Tellina		count	Actual				
192	Phoronida		count	Actual				
196	Pinnotheridae		count	Actual				
197	Polynoidae		count	Actual				
199	Pycnogonida		count	Actual				
201	Sabellidae		count	Actual				
204	Sphaeromatidae		count	Actual				
205	Spionidae		count	Actual				
208	Enteropneusta		count	Actual				
217	Hesionidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
218	Holothuroidea		count	Actual				
22	Arabella		count	Actual				
221	Lumbrineridae		count	Actual				
224	Nemertea		count	Actual				
226	Oligochaeta		count	Actual				
228	Ceratopogonidae		count	Actual				
234	Cnidaria		count	Actual				
238	Cumacea		count	Actual				
239	Cylindroleberididae		count	Actual				
245	Bivalvia		count	Actual				
247	Capitellidae		count	Actual				
254	Cirratulidae		count	Actual				
257	Terebellidae		count	Actual				
262	Paguridae		count	Actual				
267	Alpheidae		count	Actual				
2765	Cirrophorus branchiatus		count	Actual				
2852	Exogone lourei		count	Actual				
2909	Laonice cirrata		count	Actual				
296	Turbonilla		count	Actual				
2979	Microspio pigmentata		count	Actual				
3026	Obelia dichotoma		count	Actual				
303	Turbonilla	sp.1	count	Actual				
305	Typosyllis alternata		count	Actual				
306	Typosyllis	sp.1	count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
3067	Paranaitis polynoides		count	Actual				
3087	Philine		count	Actual				
3092	Pilargis		count	Actual				
31	Ampharetidae		count	Actual				
3156	Scolecopsis squamata		count	Actual				
3243	Trichobranchus glacialis		count	Actual				
3271	Acarina		count	Actual				
3291	Hirudinea		count	Actual				
3297	Mytilidae		count	Actual				
33	Amphipoda		count	Actual				
3310	Sagittidae		count	Actual				
3329	Aphelochaeta		count	Actual				
3349	Ctenostomata		count	Actual				
3385	Pentamera		count	Actual				
3457	Glycinde		count	Actual				
3459	Goniada		count	Actual				
3460	Goniada maculata		count	Actual				
347	Syllides longocirrata		count	Actual				
3479	Mesochaetopterus taylori		count	Actual				
3489	Euclymene	sp.1	count	Actual				
349	Syllidae		count	Actual				
3490	Galathowenia oculata		count	Actual				
3495	Amphicteis scaphobranchiata		count	Actual				
3497	Thelepus setosus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
35	Ampharete	sp.1	count	Actual				
3501	Terebellides stroemi		count	Actual				
3506	Demonax		count	Actual				
352	Synelmis		count	Actual				
355	Tanaidacea		count	Actual				
3571	Sphaeriidae		count	Actual				
3574	Veneridae		count	Actual				
3577	Mya arenaria		count	Actual				
3599	Oedicerotidae		count	Actual				
3601	Paraphoxus oculatus		count	Actual				
3645	Nolella stipata		count	Actual				
3649	Bowerbankia gracilis		count	Actual				
3660	Amphiuridae		count	Actual				
3662	Amphipholis squamata		count	Actual				
3674	Bemlos		count	Actual				
3694	Caprella		count	Actual				
37	Ampithoe		count	Actual				
3709	Cossura		count	Actual				
3712	Cumella	sp.2	count	Actual				
3714	Drilonereis		count	Actual				
3735	Malmgreniella	sp.2	count	Actual				
3741	Modiolus		count	Actual				
3752	Pagurus		count	Actual				
3773	Scoloplos	sp.1	count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
3789	Ampharetidae		count	Actual				
381	Streblospio benedicti		count	Actual				
3872	Lumbrinerides acuta		count	Actual				
3876	Muricidae		count	Actual				
392	Spiophanes bombyx		count	Actual				
393	Spiochaetopterus costarum		count	Actual				
394	Spio filicornis		count	Actual				
406	Sigambra bassi		count	Actual				
417	Solenidae		count	Actual				
423	Scoloplos acmeceps		count	Actual				
425	Scolecopsis		count	Actual				
438	Scalibregma inflatum		count	Actual				
441	Pygospio elegans		count	Actual				
4542	Amphiodia urtica		count	Actual				
4549	Aphrodita japonica		count	Actual				
455	Sabelliidae		count	Actual				
4562	Balanus		count	Actual				
4564	Boltenia villosa		count	Actual				
4575	Calyptrea fastigiata		count	Actual				
4581	Cancer gracilis		count	Actual				
4583	Cancer productus		count	Actual				
4584	Cancer	sp.1	count	Actual				
4588	Chlamys hastata		count	Actual				
4599	Crangon alaskensis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
4605	Delectopecten vancouverensis		count	Actual				
4607	Dendroaster excentricus		count	Actual				
4632	Halocynthia igaboja		count	Actual				
4657	Leptopecten latiauratus		count	Actual				
4663	Lophopanopeus bellus		count	Actual				
4677	Lytechinus pictus		count	Actual				
4689	Nassarius perpinguis		count	Actual				
4690	Nassarius		count	Actual				
4764	Ptilosarcus gurneyi		count	Actual				
4768	Pyromaia tuberculata		count	Actual				
479	Polycirrus		count	Actual				
48	Alcyonidium		count	Actual				
4811	Styela gibbsii		count	Actual				
4812	Styela		count	Actual				
4815	Stylatula		count	Actual				
4868	Actiniaria		count	Actual				
4873	Tubulanus		count	Actual				
4875	Lineidae		count	Actual				
4879	Sthenelais		count	Actual				
4883	Nereis		count	Actual				
4893	Caulleriella	sp.2	count	Actual				
4918	Macoma	sp.1	count	Actual				
493	Prionospio		count	Actual				
4947	Pleustidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
4952	Gomphidae		count	Actual				
4954	Coenagrionidae		count	Actual				
4958	Sialis		count	Actual				
4960	Trichoptera		count	Actual				
497	Polydora websteri		count	Actual				
4984	Gobiidae		count	Actual				
5003	Ampharete finmarchica		count	Actual				
5005	Clymenella		count	Actual				
5006	Corophiidae		count	Actual				
5012	Hydrozoa		count	Actual				
5025	Stenothoidae		count	Actual				
5033	Elasmopus		count	Actual				
5035	Pseudopolydora		count	Actual				
5040	Heteromastus		count	Actual				
5067	Ampharete acutifrons		count	Actual				
5071	Ancistrosyllis groenlandica		count	Actual				
5076	Apoprionospio pygmaea		count	Actual				
513	Polyplacophora		count	Actual				
5130	Gattyana cirrosa		count	Actual				
5150	Isaeidae		count	Actual				
5158	Levinsenia gracilis		count	Actual				
5164	Macoma balthica		count	Actual				
5168	Manayunkia speciosa		count	Actual				
5181	Monocorophium acherusicum		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5182	Monocorophium insidiosum		count	Actual				
5187	Myidae		count	Actual				
5191	Nephtys caeca		count	Actual				
5193	Nereididae		count	Actual				
520	Pista		count	Actual				
5213	Ophiuroidea		count	Actual				
5222	Pectinaria granulata		count	Actual				
5229	Pherusa plumosa		count	Actual				
5234	Phyllodoce groenlandica		count	Actual				
5241	Podocopida		count	Actual				
5251	Praxillella gracilis		count	Actual				
5264	Scaphopoda		count	Actual				
529	Podoceridae		count	Actual				
530	Poecilochaetus johnsoni		count	Actual				
5309	Abarenicola pacifica		count	Actual				
5310	Abietinaria		count	Actual				
5311	Achelia		count	Actual				
5312	Achelia echinata		count	Actual				
5313	Acila castrensis		count	Actual				
5314	Acteocina inculta		count	Actual				
5315	Actiniidae		count	Actual				
5316	Adontorhina cyclia		count	Actual				
5317	Aglaja ocelligera		count	Actual				
5318	Agraylea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5319	Alderia modesta		count	Actual				
5320	Alia carinata		count	Actual				
5321	Allorchestes angusta		count	Actual				
5322	Alvania compacta		count	Actual				
5323	Amaeana occidentalis		count	Actual				
5324	Ampelisca brachycladus		count	Actual				
5325	Ampelisca careyi		count	Actual				
5326	Ampelisca cristata		count	Actual				
5327	Ampelisca hancocki		count	Actual				
5328	Ampelisca lobata		count	Actual				
5329	Ampelisca pugetica		count	Actual				
5330	Ampharete		count	Actual				
5331	Ampharete goesi		count	Actual				
5332	Ampharete labrops		count	Actual				
5333	Amphicteis		count	Actual				
5334	Amphideutopus oculus		count	Actual				
5335	Amphiodia digitata		count	Actual				
5336	Amphiodia		count	Actual				
5337	Amphipholis		count	Actual				
5338	Amphiporus		count	Actual				
5339	Amphissa columbiana		count	Actual				
5340	Amphitrite edwardsi		count	Actual				
5341	Ampithoe lacertosa		count	Actual				
5342	Ampithoe plumulosa		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5345	Anisogammarus pugettensis		count	Actual				
5346	Anonyx lilljeborgi		count	Actual				
5347	Anoplodactylus erectus		count	Actual				
5348	Anoplodactylus		count	Actual				
5349	Anoropallene palpida		count	Actual				
5350	Anotomastus gordiodes		count	Actual				
5351	Aonides	sp.1	count	Actual				
5352	Aonides		count	Actual				
5353	Aoroides intermedius		count	Actual				
5354	Aoroides		count	Actual				
5355	Aphelochaeta	sp.2	count	Actual				
5356	Aphelochaeta	sp.3	count	Actual				
5357	Aphelochaeta	sp.1	count	Actual				
5358	Aphelochaeta	sp.4	count	Actual				
5359	Apistobanchus ornatus		count	Actual				
5360	Arabella endonata		count	Actual				
5361	Araphura		count	Actual				
5362	Archaeomysis grebnitzkii		count	Actual				
5363	Aricidea catherinae		count	Actual				
5364	Aricidea	sp.1	count	Actual				
5365	Aricidea lopezi		count	Actual				
5366	Aricidea wassi		count	Actual				
5367	Armandia brevis		count	Actual				
5369	Asabellides sibirica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5370	Asteropella slatteryi		count	Actual				
5371	Astyris gausapata		count	Actual				
5372	Athenaria		count	Actual				
5373	Atylus tridens		count	Actual				
5374	Axinopsida serricata		count	Actual				
5376	Barantolla americana		count	Actual				
5377	Barentsia benedeni		count	Actual				
5378	Bathycopea daltonae		count	Actual				
5379	Bathyleberis		count	Actual				
5380	Bispira		count	Actual				
5381	Bivalvia	sp.1	count	Actual				
5382	Blepharipoda occidentalis		count	Actual				
5383	Boccardia columbiana		count	Actual				
5384	Boccardia proboscidea		count	Actual				
5385	Boccardia pugettensis		count	Actual				
5386	Bougainvilliidae		count	Actual				
5387	Bulla gouldiana		count	Actual				
5389	Byblis millsi		count	Actual				
5390	Byblis		count	Actual				
5391	Caecidotea racovitzai		count	Actual				
5392	Caecognathia crenulatifrons		count	Actual				
5393	Caecum californicum		count	Actual				
5394	Caecum occidentale		count	Actual				
5395	Campanulariidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5396	Campylaspis		count	Actual				
5397	Campylaspis hartae		count	Actual				
5398	Campylaspis rubromaculata		count	Actual				
5399	Cancer magister		count	Actual				
5400	Cancer oregonensis		count	Actual				
5401	Capitella capitata		count	Actual				
5402	Caprella californica		count	Actual				
5403	Caprella drepanochir		count	Actual				
5404	Caprella laeviuscula		count	Actual				
5405	Caprella mendax		count	Actual				
5406	Caprella natalensis		count	Actual				
5407	Caprella verrucosa		count	Actual				
5408	Caprellida		count	Actual				
5409	Carazziella calafia		count	Actual				
5410	Cardiomya pectinata		count	Actual				
5411	Carinoma mutabilis		count	Actual				
5412	Caulibugula		count	Actual				
5413	Caulleriella		count	Actual				
5414	Caulleriella	sp.1	count	Actual				
5415	Cellaria		count	Actual				
5416	Celleporella hyalina		count	Actual				
5417	Cephalaspidea		count	Actual				
5418	Cephalothricidae		count	Actual				
5419	Cerebratulus californiensis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5420	Cerebratulus montgomeryi		count	Actual				
5421	Cerebratulus		count	Actual				
5422	Chaetoderma		count	Actual				
5423	Chaetozone		count	Actual				
5424	Chaetozone	sp.2	count	Actual				
5425	Chaetozone corona		count	Actual				
5426	Chaetozone		count	Actual				
5427	Chaetozone setosa		count	Actual				
5429	Chione californiensis		count	Actual				
543	Pinnixa		count	Actual				
5430	Chione undatella		count	Actual				
5431	Chone ecaudata		count	Actual				
5432	Chone		count	Actual				
5433	Chone	sp.1	count	Actual				
5434	Circeis spirillum		count	Actual				
5435	Cirratulus		count	Actual				
5436	Cirratulus	sp.1	count	Actual				
5437	Cirratulus spectabilis		count	Actual				
5438	Cirriformia		count	Actual				
5439	Clausidium vancouverense		count	Actual				
5440	Clavidae		count	Actual				
5441	Clinocardium nuttallii		count	Actual				
5442	Clinocardium		count	Actual				
5443	Compsomyax subdiaphana		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5444	Cooperella subdiaphana		count	Actual				
5445	Corixidae		count	Actual				
5453	Corymorpha		count	Actual				
5454	Corynidae		count	Actual				
5455	Cossura candida		count	Actual				
5456	Cossura pygodactylata		count	Actual				
5457	Cossura	sp.1	count	Actual				
5459	Crangon franciscorum		count	Actual				
5460	Crangon nigricauda		count	Actual				
5461	Crangon		count	Actual				
5462	Crangonyx floridanus		count	Actual				
5463	Crepidula onyx		count	Actual				
5464	Crepidatella dorsata		count	Actual				
5465	Crisia		count	Actual				
5466	Cryptomya californica		count	Actual				
5467	Cumella		count	Actual				
5468	Cumella	sp.1	count	Actual				
5469	Cumella vulgaris		count	Actual				
5470	Cumingia californica		count	Actual				
5471	Cyclaspis	sp.1	count	Actual				
5472	Cyclocardia ventricosa		count	Actual				
5473	Cyclopidae		count	Actual				
5474	Cyclostomata		count	Actual				
5475	Cylichna attonsa		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5476	Cylichna diegensis		count	Actual				
5477	Decamastus gracilis		count	Actual				
5479	Dendraster		count	Actual				
5480	Dendrobeania lichenoides		count	Actual				
5481	Dendrochirotida		count	Actual				
5482	Desdimelita desdichada		count	Actual				
5483	Diadumene		count	Actual				
5484	Diaphana californica		count	Actual				
5485	Diastylis	sp.1	count	Actual				
5486	Diastylis		count	Actual				
5487	Diastylopsis dawsoni		count	Actual				
5488	Dichonemertes hartmanae		count	Actual				
5489	Diopatra		count	Actual				
549	Phyllodocidae		count	Actual				
5490	Diopatra splendidissima		count	Actual				
5491	Diopatra tridentata		count	Actual				
5492	Diplocirrus	sp.1	count	Actual				
5493	Diplodonta sericata		count	Actual				
5495	Discorsopagurus schmitti		count	Actual				
5496	Disporella		count	Actual				
5497	Dorvillea annulata		count	Actual				
5498	Dorvillea	sp.1	count	Actual				
5499	Dorvillea		count	Actual				
550	Phyllodoce		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5500	Dulichia rhabdoplastis		count	Actual				
5501	Ectinosoma		count	Actual				
5502	Edotia sublittoralis		count	Actual				
5503	Edwardsia californica		count	Actual				
5504	Edwardsia sipunculoides		count	Actual				
5505	Edwardsia	sp.1	count	Actual				
5506	Elasmopus	sp.1	count	Actual				
5507	Electra crustulenta arctica		count	Actual				
5508	Ennucula tenuis		count	Actual				
5509	Eobrolgus chumashi		count	Actual				
551	Physella		count	Actual				
5510	Eobrolgus		count	Actual				
5512	Eogammarus		count	Actual				
5513	Eogammarus	sp.1	count	Actual				
5514	Eohaustorius estuarius		count	Actual				
5515	Eohaustorius sawyeri		count	Actual				
5516	Eohaustorius washingtonianus		count	Actual				
5518	Eteone	sp.1	count	Actual				
5519	Eteone californica		count	Actual				
5520	Eteone	sp.2	count	Actual				
5521	Eteone fauchaldi		count	Actual				
5522	Eteone	sp.3	count	Actual				
5523	Eteone lighti		count	Actual				
5524	Eualus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5525	Euchone limnicola		count	Actual				
5526	Euchone		count	Actual				
5530	Eudistylia		count	Actual				
5531	Eudistylia polymorpha		count	Actual				
5532	Eudistylia	sp.1	count	Actual				
5533	Eudorella pacifica		count	Actual				
5534	Eulalia		count	Actual				
5535	Eulalia quadrioculata		count	Actual				
5536	Eulalia		count	Actual				
5538	Eumida longicornuta		count	Actual				
5539	Eumida		count	Actual				
5540	Euphilomedes carcharodonta		count	Actual				
5541	Euphilomedes longiseta		count	Actual				
5542	Euphilomedes producta		count	Actual				
5543	Euphysa ruthae		count	Actual				
5544	Eupolymnia heterobranchia		count	Actual				
5545	Eurystomella bilabiata		count	Actual				
5546	Eusiridae	sp.1	count	Actual				
5547	Eusiridae	sp.2	count	Actual				
5548	Euspira lewisii		count	Actual				
5549	Eusyllis habeii		count	Actual				
5550	Euzonus mucronata		count	Actual				
5551	Euzonus		count	Actual				
5552	Euzonus williamsi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5553	Excirrolana chiltoni		count	Actual				
5554	Exogone		count	Actual				
5555	Exogone molesta		count	Actual				
5556	Eyakia		count	Actual				
5560	Gadila		count	Actual				
5561	Gammaridea		count	Actual				
5562	Gammaropsis thompsoni		count	Actual				
5563	Gari		count	Actual				
5564	Gastropoda	sp.3	count	Actual				
5565	Gastropoda	sp.4	count	Actual				
5566	Gastropteron pacificum		count	Actual				
5567	Gattyana treadwelli		count	Actual				
5570	Glycera nana		count	Actual				
5571	Glycera tenuis		count	Actual				
5572	Glycinde armigera		count	Actual				
5573	Glycinde polygnatha		count	Actual				
5574	Gnathia		count	Actual				
5576	Gnorimosphaeroma oregonense		count	Actual				
5577	Golfingia vulgaris		count	Actual				
5578	Grandidierella japonica		count	Actual				
5579	Grandifoxus grandis		count	Actual				
5580	Grantiidae		count	Actual				
5581	Granulina margaritula		count	Actual				
5582	Halcampta decemtentaculata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5583	Haliophasma		count	Actual				
5586	Harmothoe multisetosa		count	Actual				
5588	Harpacticus		count	Actual				
5590	Helisoma		count	Actual				
5591	Hemicyclops subadhaerens		count	Actual				
5592	Hemilamprops		count	Actual				
5593	Heptacarpus kincaidi		count	Actual				
5594	Heptacarpus		count	Actual				
5596	Hermisenda crassicornis		count	Actual				
5597	Hesionura coineaui difficilis		count	Actual				
5598	Hesperonoe complanata		count	Actual				
5599	Heteromastus filobranchus		count	Actual				
5600	Heteronemertea		count	Actual				
5601	Heterophoxus		count	Actual				
5602	Heterophoxus	sp.1	count	Actual				
5603	Heterophoxus oculatus		count	Actual				
5604	Heterophoxus	sp.2	count	Actual				
5605	Heteropora pacifica		count	Actual				
5606	Hobsonia florida		count	Actual				
5607	Holmesimysis costata		count	Actual				
5608	Hoplonemertea		count	Actual				
5609	Humilaria		count	Actual				
5610	Huntemannia jadensis		count	Actual				
5611	Hyas lyratus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5612	Idanthysus		count	Actual				
5613	Idotea fewkesi		count	Actual				
5615	Ischyrocerus		count	Actual				
5617	Jassa		count	Actual				
5618	Juga		count	Actual				
5619	Kurtzia arteaga		count	Actual				
5620	Kurtziella plumbea		count	Actual				
5621	Kurtzina beta		count	Actual				
5622	Lacuna		count	Actual				
5623	Lacuna unifasciata		count	Actual				
5624	Laevicardium substriatum		count	Actual				
5625	Lagenipora socialis		count	Actual				
5626	Lampetra ayresi		count	Actual				
5627	Lamprops		count	Actual				
5628	Lamprops	sp.1	count	Actual				
5629	Lamprops	sp.2	count	Actual				
5631	Leitoscoloplos pugettensis		count	Actual				
5632	Lepidasthenia berkeleyae		count	Actual				
5633	Lepidasthenia longicirrata		count	Actual				
5634	Leptochiton rugatus		count	Actual				
5635	Leucon subnasica		count	Actual				
5636	Leuroleberis sharpei		count	Actual				
5637	Levinsenia oculata		count	Actual				
5638	Lirularia lirulata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5639	Lirularia parcipicta		count	Actual				
564	Pherusa	sp.1	count	Actual				
5640	Listriella diffusa		count	Actual				
5641	Listriella goleta		count	Actual				
5642	Listriella melanica		count	Actual				
5643	Longipedia		count	Actual				
5644	Lumbrineris californiensis		count	Actual				
5645	Lumbrineris cruzensis		count	Actual				
5647	Lumbrineris japonica		count	Actual				
5648	Lumbrineris latreilli		count	Actual				
5649	Lumbrineris limicola		count	Actual				
565	Pholoe minuta		count	Actual				
5652	Lyonsia californica		count	Actual				
5653	Macoma carlottensis		count	Actual				
5654	Macoma elimata		count	Actual				
5655	Macoma		count	Actual				
5656	Macoma inquinata		count	Actual				
5657	Macoma nasuta		count	Actual				
5658	Macoma secta		count	Actual				
5659	Macoma yoldiformis		count	Actual				
5660	Mactra		count	Actual				
5661	Mactrotoma californica		count	Actual				
5662	Magelona berkeleyi		count	Actual				
5663	Magelona longicornis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5664	Magelona pitelkai		count	Actual				
5665	Magelona sacculata		count	Actual				
5667	Malmgreniella		count	Actual				
5668	Malmgreniella	sp.1	count	Actual				
5669	Mandibulophoxus gilesi		count	Actual				
5670	Mandibulophoxus		count	Actual				
5671	Margarites		count	Actual				
5672	Marphysa		count	Actual				
5673	Mayerella banksia		count	Actual				
5674	Mediomastus acutus		count	Actual				
5675	Megalomma pigmentum		count	Actual				
5676	Megalomma splendida		count	Actual				
5677	Melanochlamys diomedea		count	Actual				
5678	Melinna oculata		count	Actual				
5679	Membranipora		count	Actual				
5680	Mesolamprops dillonensis		count	Actual				
5684	Micranellum crebricinctum		count	Actual				
5685	Micrura alaskensis		count	Actual				
5686	Micrura		count	Actual				
5687	Modiolus rectus		count	Actual				
5688	Molgula pugetiensis		count	Actual				
5689	Molpadia intermedia		count	Actual				
5690	Monocorophium		count	Actual				
5699	Mopalialia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
570	Photis		count	Actual				
5700	Munnogonium tillerae		count	Actual				
5701	Musculista senhousia		count	Actual				
5702	Mysidopsis intii		count	Actual				
5703	Mytiloida		count	Actual				
5704	Mytilus galloprovincialis		count	Actual				
5705	Naineris dendritica		count	Actual				
5706	Naineris uncinata		count	Actual				
5707	Nannastacidae		count	Actual				
5708	Narpus		count	Actual				
5709	Nassarina penicillata		count	Actual				
5710	Nassarius mendicus		count	Actual				
5711	Nassarius tegula		count	Actual				
5712	Neanthes limnicola		count	Actual				
5713	Neastacilla californica		count	Actual				
5714	Nebalia pugettensis		count	Actual				
5715	Nebalia		count	Actual				
5716	Neomysis mercedis		count	Actual				
5718	Neotrypaea californiensis		count	Actual				
5719	Neotrypaea gigas		count	Actual				
5720	Neotrypaea		count	Actual				
5721	Nephasoma		count	Actual				
5722	Nephtys caecoides		count	Actual				
5723	Nephtys californiensis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5724	Nephtys cornuta		count	Actual				
5725	Nephtys ferruginea		count	Actual				
5726	Nereis latescens		count	Actual				
5727	Nereis procera		count	Actual				
5728	Nereis vexillosa		count	Actual				
5729	Nereis zonata		count	Actual				
5730	Nicolea		count	Actual				
5731	Nicomache personata		count	Actual				
5732	Ninoe		count	Actual				
5734	Norrisia norrisi		count	Actual				
5736	Nuculana minuta		count	Actual				
5737	Nuculana taphria		count	Actual				
5738	Nutricola lordi		count	Actual				
5739	Nutricola tantilla		count	Actual				
5740	Obelia longissima		count	Actual				
5741	Odontosyllis phosphorea		count	Actual				
5742	Oenopota		count	Actual				
5743	Olivella baetica		count	Actual				
5744	Olivella biplicata		count	Actual				
5745	Olivella pycna		count	Actual				
5746	Onuphis elegans		count	Actual				
5747	Onuphis iridescens		count	Actual				
5748	Onuphis		count	Actual				
5749	Ophelia assimilis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5750	Ophelia		count	Actual				
5751	Ophiactis simplex		count	Actual				
5752	Ophiodermella		count	Actual				
5753	Ophiurida		count	Actual				
5754	Oplorhiza gracilis		count	Actual				
5755	Oregonia gracilis		count	Actual				
5756	Oxyurostylis pacifica		count	Actual				
5757	Pachynus barnardi		count	Actual				
5760	Paleanotus bellis		count	Actual				
5761	Paracerceis sculpta		count	Actual				
5762	Paracerceis		count	Actual				
5764	Paradoneis		count	Actual				
5765	Paramage		count	Actual				
5767	Parandalia fauveli		count	Actual				
5768	Paranemertes californica		count	Actual				
5769	Paranthura elegans		count	Actual				
5770	Paraonella platybranchia		count	Actual				
5772	Pareurythoe californica		count	Actual				
5773	Parvilucina tenuisculpta		count	Actual				
5774	Pectinaria californiensis		count	Actual				
5775	Pectinatella magnifica		count	Actual				
5776	Pentamera lissoplaca		count	Actual				
5777	Pentidotea resecata		count	Actual				
5778	Periploma discus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5780	Petaloproctus borealis		count	Actual				
5781	Petricola carditoides		count	Actual				
5782	Phascolosoma		count	Actual				
5783	Pherusa capulata		count	Actual				
5784	Philine auriformis		count	Actual				
5785	Pholoe glabra		count	Actual				
5786	Pholoe		count	Actual				
5787	Pholoe	sp.1	count	Actual				
5788	Pholoides		count	Actual				
5789	Phoronidae		count	Actual				
5790	Phoronis		count	Actual				
5791	Phoronopsis harmeri		count	Actual				
5792	Photis bifurcata		count	Actual				
5793	Photis brevipes		count	Actual				
5794	Photis californica		count	Actual				
5795	Photis parvidons		count	Actual				
5797	Phyllochaetopterus prolifica		count	Actual				
5798	Phyllodoce cuspidata		count	Actual				
5799	Phyllodoce hartmanae		count	Actual				
5800	Phyllodoce longipes		count	Actual				
5801	Pilargis maculata		count	Actual				
5802	Pinnixa longipes		count	Actual				
5803	Pinnixa schmitti		count	Actual				
5804	Pisaster		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5805	Pista alata		count	Actual				
5806	Pista brevibranchiata		count	Actual				
5807	Pista disjuncta		count	Actual				
5808	Pista elongata		count	Actual				
5809	Pista moorei		count	Actual				
5810	Pista	sp.1	count	Actual				
5811	Platyhelminthes		count	Actual				
5812	Platynereis bicanaliculata		count	Actual				
5814	Pleurogonium californiense		count	Actual				
5817	Podarkeopsis	sp.1	count	Actual				
5818	Podocerus		count	Actual				
5819	Podocerus	sp.1	count	Actual				
5820	Polycirrus californicus		count	Actual				
5821	Polycirrus	sp.1	count	Actual				
5822	Polycirrus	sp.2	count	Actual				
5823	Polydora limicola		count	Actual				
5824	Polydora nuchalis		count	Actual				
5825	Polyophthalmus pictus		count	Actual				
5826	Pontogeneia rostrata		count	Actual				
5827	Pontogeneia		count	Actual				
5828	Potamopyrgus antipodarum		count	Actual				
5829	Praxillella pacifica		count	Actual				
5830	Praxillella		count	Actual				
5831	Prionospio lighti		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5832	Prionospio multibranchiata		count	Actual				
5833	Prionospio heterobranchia		count	Actual				
5834	Prionospio	sp.1	count	Actual				
5835	Prionospio steenstrupi		count	Actual				
5836	Proceraea cornuta		count	Actual				
5838	Protodorvillea gracilis		count	Actual				
5839	Protomedeia prudens		count	Actual				
5840	Protothaca staminea		count	Actual				
5841	Psammonyx		count	Actual				
5842	Pseudodiaptomus		count	Actual				
5843	Pseudopolydora kempii		count	Actual				
5844	Pseudopolydora paucibranchiata		count	Actual				
5845	Pulsellum salishorum		count	Actual				
5846	Pygospio californica		count	Actual				
5847	Ramellogammarus oregonensis		count	Actual				
5849	Rhepoxynius abronius		count	Actual				
5850	Rhepoxynius menziesi		count	Actual				
5851	Rhepoxynius		count	Actual				
5852	Rhodine bitorquata		count	Actual				
5853	Rhynchospio glutaea		count	Actual				
5854	Rictaxis punctocaelatus		count	Actual				
5855	Rocheffortia		count	Actual				
5856	Rocheffortia compressa		count	Actual				
5857	Rocheffortia tumida		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5858	Rocinela belliceps		count	Actual				
5859	Rudilemboides stenopropodus		count	Actual				
5860	Rutiderma lomae		count	Actual				
5862	Sabellides		count	Actual				
5863	Sabelliphilidae		count	Actual				
5864	Saccocirrus		count	Actual				
5865	Saccoglossus		count	Actual				
5866	Saduria entomon		count	Actual				
5867	Saxidomus giganteus		count	Actual				
5868	Saxidomus nuttalli		count	Actual				
5869	Scionella japonica		count	Actual				
5870	Scleroplax granulata		count	Actual				
5872	Scolecipis	sp.1	count	Actual				
5873	Scolecipis	sp.2	count	Actual				
5874	Scolecipis tridentata		count	Actual				
5875	Scoletoma		count	Actual				
5876	Scoletoma	sp.1	count	Actual				
5877	Scoletoma	sp.2	count	Actual				
5878	Scoletoma	sp.3	count	Actual				
5879	Scoloplos	sp.2	count	Actual				
5880	Scyphoproctus oculatus		count	Actual				
5881	Scyphozoa		count	Actual				
5882	Sigalion		count	Actual				
5883	Siliqua lucida		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5884	Siliqua		count	Actual				
5885	Simomactra		count	Actual				
5886	Sinelobus stanfordi		count	Actual				
5888	Sinum scopulosum		count	Actual				
5889	Siphonodentalium quadrifissatum		count	Actual				
589	Pectinaria		count	Actual				
5891	Skenea		count	Actual				
5892	Solamen columbianum		count	Actual				
5893	Solen sicarius		count	Actual				
5894	Solidobalanus hesperius		count	Actual				
5895	Sphaerosyllis californiensis		count	Actual				
5896	Sphaerosyllis	sp.1	count	Actual				
5897	Sphaerosyllis	sp.2	count	Actual				
5898	Spio butleri		count	Actual				
5899	Spiophanes berkeleyorum		count	Actual				
5900	Spiophanes		count	Actual				
5901	Spiophanes	sp.1	count	Actual				
5902	Spirontocaris ochotensis		count	Actual				
5903	Sternaspis fossor		count	Actual				
5904	Sthenelais berkeleyi		count	Actual				
5905	Streblosoma crassibranchia		count	Actual				
5906	Streblosoma		count	Actual				
5907	Streblosoma	sp.1	count	Actual				
5908	Styela montereyensis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5909	Syllis elongata		count	Actual				
5910	Synchelidium		count	Actual				
5911	Synidotea harfordi		count	Actual				
5912	Synidotea		count	Actual				
5913	Tagelus subteres		count	Actual				
5914	Tecticeps pugettensis		count	Actual				
5915	Tellina bodegensis		count	Actual				
5916	Tellina carpenteri		count	Actual				
5917	Tellina modesta		count	Actual				
5918	Tellina nuculoides		count	Actual				
5919	Tenonia priops		count	Actual				
5920	Terebellides californica		count	Actual				
5921	Terebellides		count	Actual				
5922	Tetrastemma candidum		count	Actual				
5923	Tetrastemma nigrifrons		count	Actual				
5924	Tetrastemma		count	Actual				
5925	Thalamoporella		count	Actual				
5926	Tharyx parvus		count	Actual				
5927	Themiste pyroides		count	Actual				
5928	Theora lubrica		count	Actual				
5929	Thracia		count	Actual				
5930	Thyasira flexuosa		count	Actual				
5931	Thysanocardia nigra		count	Actual				
5932	Trachycardium quadragenarium		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5935	Tresus		count	Actual				
5936	Trochochaeta		count	Actual				
5937	Tryonia imitator		count	Actual				
5938	Tubulanus cingulatus		count	Actual				
5939	Tubulanus nothus		count	Actual				
5940	Tubulanus polymorphus		count	Actual				
5941	Tubulipora		count	Actual				
5943	Typosyllis farallonensis		count	Actual				
5945	Typosyllis	sp.2	count	Actual				
5947	Upogebia pugettensis		count	Actual				
5948	Uromunna		count	Actual				
5949	Venerupis philippinarum		count	Actual				
5950	Yoldia hyperborea		count	Actual				
5951	Yoldia seminuda		count	Actual				
5952	Zaolutus actius		count	Actual				
5953	Zeuxo normani		count	Actual				
5954	Zygonemertes virescens		count	Actual				
60	Ampelisca abdita		count	Actual				
6017	Callibaetis		count	Actual				
6018	Cecidomyiidae		count	Actual				
6019	Ephydriidae		count	Actual				
6020	Glycera		count	Actual				
6021	Halipus		count	Actual				
6023	Lanassa venusta		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6025	Ophiodromus pugettensis		count	Actual				
6026	Phyllochaetopterus		count	Actual				
6027	Phyllodoce		count	Actual				
6028	Podarkeopsis		count	Actual				
6029	Scoloplos		count	Actual				
6030	Tabanidae		count	Actual				
6031	Typosyllis		count	Actual				
6032	Americorophium salmonis		count	Actual				
6033	Americorophium		count	Actual				
6034	Americorophium spinicorne		count	Actual				
6035	Americorophium stimpsoni		count	Actual				
6063	Busycotypus canaliculatus		count	Actual				
61	Ampelisca agassizi		count	Actual				
610	Paraonidae		count	Actual				
611	Paraprionospio pinnata		count	Actual				
616	Owenia fusiformis		count	Actual				
6179	Westwoodilla caecula		count	Actual				
6215	Typosyllis elongata		count	Actual				
6249	Maldane sarsi		count	Actual				
6311	Photis	sp.1	count	Actual				
6354	Tubulanus	sp.1	count	Actual				
637	Oligochaeta		count	Actual				
6424	Chone duneri		count	Actual				
6537	Asabellides lineata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6538	Ascidia	sp.1	count	Actual				
6539	Asclerocheilus beringianus		count	Actual				
6540	Astarte esquimalti		count	Actual				
6541	Axiothella rubrocincta		count	Actual				
6542	Balanophyllia elegans		count	Actual				
6543	Barentsia	sp.1	count	Actual				
6544	Bittium		count	Actual				
6545	Bonelliidae		count	Actual				
6546	Brada sachalina		count	Actual				
6547	Bugula	sp.1	count	Actual				
6548	Caberea ellisii		count	Actual				
6549	Calliostoma ligatum		count	Actual				
6550	Callipallene pacifica		count	Actual				
6551	Campanularia	sp.1	count	Actual				
6552	Caprella	sp.1	count	Actual				
6553	Caulibugula californica		count	Actual				
6554	Cellaria	sp.1	count	Actual				
6555	Ceradocus spinicaudus		count	Actual				
6556	Chaetozone	sp.3	count	Actual				
6557	Chaetozone	sp.3	count	Actual				
6559	Chlamys rubida		count	Actual				
6560	Chone minuta		count	Actual				
6561	Circeis armoricana		count	Actual				
6562	Clinocardium blandum		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6563	Clytia		count	Actual				
6564	Copidozoum	sp.1	count	Actual				
6565	Corymorpha		count	Actual				
6566	Cossura	sp.2	count	Actual				
6567	Cranopsis		count	Actual				
6568	Crepidula nummaria		count	Actual				
6569	Crucigera zygophora		count	Actual				
6571	Cucumaria piperata		count	Actual				
6572	Cyphocaris challengerii		count	Actual				
6573	Cytherideidae		count	Actual				
6574	Demospongiae		count	Actual				
6575	Deutella californica		count	Actual				
6576	Diadumene lighti		count	Actual				
6577	Diadumenidae		count	Actual				
6578	Diaperoecia		count	Actual				
6579	Diastylis bidentata		count	Actual				
6580	Diastylis pellucida		count	Actual				
6582	Diopatra ornata		count	Actual				
6583	Distaplia occidentalis		count	Actual				
6585	Dulichia		count	Actual				
6586	Dyopodos arcticus		count	Actual				
6587	Dyopodos		count	Actual				
6588	Eudorellopsis integra		count	Actual				
6589	Eulalia	sp.1	count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6590	Eusirus columbianus		count	Actual				
6591	Euspira pallida		count	Actual				
6592	Filicrisia		count	Actual				
6593	Fluminicola virens		count	Actual				
6594	Foxiphalus obtusidens		count	Actual				
6595	Foxiphalus xiximeus		count	Actual				
6596	Fusinus luteopictus		count	Actual				
6597	Galatheidae		count	Actual				
6598	Gammaropsis ellisi		count	Actual				
6599	Guernea reduncans		count	Actual				
660	Nuculanidae		count	Actual				
6600	Halcampidae		count	Actual				
6601	Hesperonoe		count	Actual				
6602	Heterophoxus affinis		count	Actual				
6603	Homalopoma luridum		count	Actual				
6604	Ischnochiton trifidus		count	Actual				
6606	Juga plicifera		count	Actual				
6607	Kellia suborbicularis		count	Actual				
6608	Lafoea		count	Actual				
6609	Lagenicella	sp.1	count	Actual				
661	Nudibranchia		count	Actual				
6610	Laonice pugettensis		count	Actual				
6611	Lasaeidae		count	Actual				
6612	Laticorophium baconi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6613	Lepidepecreum garthi		count	Actual				
6614	Lepidochitona dentiens		count	Actual				
6615	Lepidochitona flectens		count	Actual				
6617	Leptoplanidae		count	Actual				
6618	Leptostraca		count	Actual				
6619	Leucon		count	Actual				
6620	Lineus		count	Actual				
6621	Lophopanopeus leucomanus		count	Actual				
6622	Lucinoma annulatum		count	Actual				
6624	Lysippe labiata		count	Actual				
6625	Macoma calcarea		count	Actual				
6626	Macoma expansa		count	Actual				
6627	Macoma	sp.1	count	Actual				
6628	Malmgreniella bansei		count	Actual				
6629	Margarites pupillus		count	Actual				
6630	Megamoera dentata		count	Actual				
6631	Megayoldia thraciaeformis		count	Actual				
6632	Membranipora membranacea		count	Actual				
6633	Metopa dawsoni		count	Actual				
6634	Metridium		count	Actual				
6635	Microclymene	sp.1	count	Actual				
6636	Micropora coriacea		count	Actual				
6638	Mopalia sinuata		count	Actual				
6639	Munna		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6640	Musculus discors		count	Actual				
6642	Myriochele heeri		count	Actual				
6643	Myriozoum	sp.1	count	Actual				
6645	Natica clausa		count	Actual				
6646	Neanthes diversicolor		count	Actual				
6647	Nemocardium centifilosum		count	Actual				
6648	Nephasoma diaphanes		count	Actual				
6649	Nephtys punctata		count	Actual				
6650	Nicomache lumbricalis		count	Actual				
6651	Ninoe gemmea		count	Actual				
6652	Notoplana		count	Actual				
6653	Ophiura leptoctenia		count	Actual				
6655	Ophiuridae		count	Actual				
6656	Opisthobranchia		count	Actual				
6657	Orchomene obtusa		count	Actual				
6658	Orchomene		count	Actual				
6660	Owenia collaris		count	Actual				
6661	Pagurus ochotensis		count	Actual				
6662	Pandora bilirata		count	Actual				
6663	Parandalia ocularis		count	Actual				
6664	Parapleustes pugettensis		count	Actual				
6665	Parathemisto pacifica		count	Actual				
6666	Pentamera pseudocalcigera		count	Actual				
6667	Pettiboneia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6668	Pholoe	sp.2	count	Actual				
6669	Phyllodoce mucosa		count	Actual				
6670	Phylo felix		count	Actual				
6671	Plumularia corrugata		count	Actual				
6672	Pododesmus macrochisma		count	Actual				
6673	Poecilosclerida		count	Actual				
6674	Polycirrus		count	Actual				
6675	Potamocorbula amurensis		count	Actual				
6676	Proceraea	sp.1	count	Actual				
6677	Protolaeospira	sp.1	count	Actual				
6678	Protomeдея grandimana		count	Actual				
6679	Protomeдея		count	Actual				
668	Odostomia		count	Actual				
6680	Pseudochitinopoma occidentalis		count	Actual				
6681	Pseudomma truncatum		count	Actual				
6682	Pseudopotamilla ocellata		count	Actual				
6684	Puncturella cucullata		count	Actual				
6685	Rhabdus rectius		count	Actual				
6686	Rhachotropis oculata		count	Actual				
6687	Rhepoxynius barnardi		count	Actual				
6688	Rhepoxynius boreovariatus		count	Actual				
6689	Rhepoxynius homocuspидatus		count	Actual				
6690	Rhepoxynius daboius		count	Actual				
6691	Rhepoxynius stenodes		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6692	Rocinela propodialis		count	Actual				
6693	Sabellaria gracilis		count	Actual				
6694	Scalibregma	sp.1	count	Actual				
6695	Scintillona bellerophon		count	Actual				
6696	Sinocorophium alienense		count	Actual				
6697	Solariella		count	Actual				
6698	Sphaerodoropsis sphaerulifer		count	Actual				
6699	Spio cirrifera		count	Actual				
6700	Spirontocaris	sp.1	count	Actual				
6701	Spirontocaris prionota		count	Actual				
6703	Styela coriacea		count	Actual				
6704	Stylochus franciscanus		count	Actual				
6705	Synidotea laevidorsalis		count	Actual				
6706	Terebella		count	Actual				
6707	Terebellides	sp.1	count	Actual				
6708	Terebratalia transversa		count	Actual				
6709	Terebratulida		count	Actual				
6710	Tetrastemmatidae		count	Actual				
6711	Thracia challsiana		count	Actual				
6712	Thracia trapezoides		count	Actual				
6713	Travisia forbesii		count	Actual				
6714	Travisia pupa		count	Actual				
6715	Tritella pilimana		count	Actual				
6716	Tryonia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
6717	Tubulariidae		count	Actual				
6718	Typosyllis armillaris		count	Actual				
6719	Typosyllis cornuta		count	Actual				
6720	Typosyllis	sp.3	count	Actual				
6721	Velutina plicatilis		count	Actual				
6722	Acteocina culcitella		count	Actual				
6723	Acteocina harpa		count	Actual				
6724	Americhelidium variabilum		count	Actual				
6725	Ampelisca brevisimulata		count	Actual				
6726	Amphicteis glabra		count	Actual				
6727	Amphilochus neapolitanus		count	Actual				
6728	Amphipholis pugetana		count	Actual				
6729	Aoroides exilis		count	Actual				
6730	Aphrodita negligens		count	Actual				
6731	Aphrodita		count	Actual				
6733	Archidistoma		count	Actual				
681	Nephtys		count	Actual				
688	Notomastus hemipodus		count	Actual				
689	Notomastus latericeus		count	Actual				
697	Neanthes acuminata		count	Actual				
700	Neanthes succinea		count	Actual				
701	Neanthes virens		count	Actual				
702	Neanthes		count	Actual				
712	Mya arenaria		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
728	Naineris		count	Actual				
741	Microphthalmus sczelkowi		count	Actual				
749	Molgula		count	Actual				
75	Acteocina		count	Actual				
767	Microphthalmus		count	Actual				
770	Magelona		count	Actual				
777	Manayunkia aestuarina		count	Actual				
781	Marphysa sanguinea		count	Actual				
782	Mediomastus ambiseta		count	Actual				
783	Mediomastus californiensis		count	Actual				
784	Mediomastus		count	Actual				
826	Lumbrineris		count	Actual				
849	Lepidonotus squamatus		count	Actual				
853	Leptochelia dubia		count	Actual				
861	Leptosynapta		count	Actual				
875	Lacuna vincta		count	Actual				
892	Idotea		count	Actual				
897	Insecta		count	Actual				
90	Phoxocephalidae		count	Actual				
901	Isopoda		count	Actual				
907	Heteromastus filiformis		count	Actual				
909	Heteropodarke heteromorpha		count	Actual				
913	Hexagenia		count	Actual				
914	Hiatella arctica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
915	Hippolytidae		count	Actual				
921	Hyalella azteca		count	Actual				
938	Harmothoe extenuata		count	Actual				
942	Glycera	sp.1	count	Actual				
951	Goniada littorea		count	Actual				
957	Gyptis		count	Actual				
964	Gammarus daiberi		count	Actual				
973	Gemma gemma		count	Actual				
978	Glycera americana		count	Actual				
984	Eunicidae		count	Actual				
994	Exogone	sp.1	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BSPECGU9	Benthic infauna: NCA-Gulf 2000	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations U.S. Environmental Protection Agency, 2001, National Coastal Assessment: Field Operations Manual, USEPA NHEERL, Gulf Ecology Division, Gulf Breeze, FL, 72

Description Counts of benthic infauna collected in one grab for the National Coastal Assessment-Gulf 2000 program.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
127917	Chironomidae		count	Actual				
128543	Clunio marshalli		count	Actual				
129657	Polypedilum		count	Actual				
154520	Sipuncula		count	Actual				
154521	Sipunculidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
154596	Golfingiidae		count	Actual				
154733B	Phascolion		count	Actual				
154734	Phascolion strombi		count	Actual				
155456	Phoronida		count	Actual				
155462	Phoronis		count	Actual				
155462E	Phoronis	sp.1	count	Actual				
155466	Phoronis architecta		count	Actual				
155555	Amathia alternata		count	Actual				
156760	Glottidia pyramidata		count	Actual				
156857	Echinodermata		count	Actual				
157325	Ophiuroidea		count	Actual				
157382	Ophiurida		count	Actual				
157382A	Ophiurida	sp.1	count	Actual				
157503	Ophioderma		count	Actual				
157520	Ophioderma brevispinum		count	Actual				
157625	Hemipholis elongata		count	Actual				
157646	Amphiuridae		count	Actual				
157646A	Amphiuridae	sp.1	count	Actual				
157654	Amphiodia trychna		count	Actual				
157655	Amphiodia pulchella		count	Actual				
157673	Amphipholis		count	Actual				
157676	Amphipholis squamata		count	Actual				
157732	Amphiura palmeri		count	Actual				
157821	Echinoidea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
157821A	Echinoidea	sp.1	count	Actual				
158026	Encope aberrans		count	Actual				
158140	Holothuroidea		count	Actual				
158140A	Holothuroidea	sp.1	count	Actual				
158434	Leptosynapta crassipatina		count	Actual				
158617A	Enteropneusta		count	Actual				
158628	Balanoglossus		count	Actual				
158854A	Ascidacea		count	Actual				
159681	Branchiostoma		count	Actual				
159683A	Branchiostoma floridae		count	Actual				
182724B	Scoletoma		count	Actual				
182728	Leitoscoloplos robustus		count	Actual				
202863	Bemlos		count	Actual				
204494	Aricidea cerrutii		count	Actual				
204501	Polydora cornuta		count	Actual				
204530	Monticellina dorsobranchialis		count	Actual				
205061	Parvanachis obesa		count	Actual				
205822	Eusarsiella zostericola		count	Actual				
206386	Gitanopsis laguna		count	Actual				
48739	Hydrozoa		count	Actual				
49271	Zanclaea costata		count	Actual				
51938	Anthozoa		count	Actual				
51990E	Ceriantheopsis		count	Actual				
52485	Actiniaria		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
52488E	Edwardsia		count	Actual				
52545	Bunodactis texaensis		count	Actual				
52744	Aiptasiomorpha texaensis		count	Actual				
53963	Platyhelminthes		count	Actual				
53964	Turbellaria		count	Actual				
53964A	Turbellaria	sp.1	count	Actual				
542886	Amakusanthura magnifica		count	Actual				
544179	Edotia montosa		count	Actual				
552845	Biffarius biformis		count	Actual				
555698	Podarkeopsis levifuscina		count	Actual				
563956	Nemata		count	Actual				
566964	Costoanachis		count	Actual				
567199	Acteocina lepta		count	Actual				
567255	Astyris lunata		count	Actual				
567284	Bittium varium		count	Actual				
567956	Neritina usnea		count	Actual				
568055	Parvanachis ostreicola		count	Actual				
568364	Texadina sphinctostoma		count	Actual				
573719	Aphelochaeta		count	Actual				
573719E	Aphelochaeta	sp.1	count	Actual				
57411	Nemertea		count	Actual				
57411A	Nemertea	sp.1	count	Actual				
57411B	Nemertea	sp.3	count	Actual				
57411C	Nemertea	sp.4	count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
57411E	Nemertea	sp.2	count	Actual				
57411F	Nemertea	sp.5	count	Actual				
57412	Rhynchocoela		count	Actual				
57416	Tubulanus		count	Actual				
57443	Lineidae		count	Actual				
611401	Bunodosoma		count	Actual				
621136	Lumbrineris		count	Actual				
621401	Megaluropidae		count	Actual				
64358	Polychaeta		count	Actual				
64502	Harmothoe		count	Actual				
64523	Harmothoe aculeata		count	Actual				
64693	Lepidasthenia		count	Actual				
64739	Malmgreniella		count	Actual				
64739A	Malmgreniella	sp.2	count	Actual				
65072	Sigalionidae		count	Actual				
65082	Sthenelais		count	Actual				
65084	Sthenelais boa		count	Actual				
65136	Fimbriosthenelais		count	Actual				
65138	Fimbriosthenelais minor		count	Actual				
65148	Chrysopetalidae		count	Actual				
65149	Paleanotus		count	Actual				
65152	Paleanotus heteroseta		count	Actual				
65159	Bhawania heteroseta		count	Actual				
65164	Amphinomidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65174	Pseudeurythoe		count	Actual				
65177	Linopherus ambigua		count	Actual				
65184B	Paramphinome		count	Actual				
65228	Phyllodocidae		count	Actual				
65228A	Phyllodocidae	sp.1	count	Actual				
65229	Anaitides		count	Actual				
65258	Eteone		count	Actual				
65266	Eteone heteropoda		count	Actual				
65321	Paranaitis speciosa		count	Actual				
65335	Nereiphylla		count	Actual				
65336	Nereiphylla fragilis		count	Actual				
65359	Phyllodoce		count	Actual				
65366	Phyllodoce arenae		count	Actual				
65467	Hesionidae		count	Actual				
65476	Microphthalmus		count	Actual				
65485A	Ophiodromus		count	Actual				
65492	Parahesionie		count	Actual				
65493	Parahesionie luteola		count	Actual				
65514D	Podarke		count	Actual				
65517	Podarke obscura		count	Actual				
65524	Hesionie picta		count	Actual				
65530C	Podarkeopsis		count	Actual				
65532	Podarkeopsis brevipalpa		count	Actual				
65540	Pilargidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65541	Ancistrosyllis		count	Actual				
65541A	Ancistrosyllis	sp.2	count	Actual				
65541B	Ancistrosyllis	sp.3	count	Actual				
65541E	Ancistrosyllis	sp.1	count	Actual				
65543	Ancistrosyllis hartmanae		count	Actual				
65544	Ancistrosyllis jonesi		count	Actual				
65546	Ancistrosyllis papillosa		count	Actual				
65551	Sigambra		count	Actual				
65552	Sigambra tentaculata		count	Actual				
65554	Sigambra bassi		count	Actual				
65567	Synelmis		count	Actual				
65578	Parandalia fauveli		count	Actual				
65580	Parandalia americana		count	Actual				
65587	Syllidae		count	Actual				
65587A	Syllidae	sp.1	count	Actual				
65629	Syllis		count	Actual				
65635	Syllis cornuta		count	Actual				
65721	Exogone		count	Actual				
65722	Exogone dispar		count	Actual				
65735	Sphaerosyllis		count	Actual				
65747	Sphaerosyllis taylori		count	Actual				
65759	Brania		count	Actual				
65761	Brania clavata		count	Actual				
65762	Brania wellfleetensis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65792	Odontosyllis enopla		count	Actual				
65803	Syllides		count	Actual				
65822	Streptosyllis pettiboneae		count	Actual				
65824	Parapionosyllis longicirrata		count	Actual				
65847	Branchiosyllis		count	Actual				
65870	Nereididae		count	Actual				
65871	Ceratonereis		count	Actual				
65874	Ceratonereis irritabilis		count	Actual				
65876	Ceratonereis mirabilis		count	Actual				
65902	Nereis		count	Actual				
65905	Nereis pelagica		count	Actual				
65917	Nereis succinea		count	Actual				
65918	Neanthes succinea		count	Actual				
65922	Nereis falsa		count	Actual				
65924	Neanthes micromma		count	Actual				
65926	Nereis acuminata		count	Actual				
65927	Nereis riisei		count	Actual				
65947	Platynereis		count	Actual				
65950	Platynereis dumerilii		count	Actual				
65958	Ceratocephale oculata		count	Actual				
65964	Laeonereis		count	Actual				
65965	Laeonereis culveri		count	Actual				
65972	Websterinereis tridentata		count	Actual				
65978	Steninonereis martini		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66011	Nephtys		count	Actual				
66030	Nephtys picta		count	Actual				
66038	Nephtys simoni		count	Actual				
66052	Aglaophamus verrilli		count	Actual				
66053	Aglaophamus circinata		count	Actual				
66102	Glycera		count	Actual				
66105	Glycera tessellata		count	Actual				
66106	Glycera americana		count	Actual				
66107	Glycera dibranchiata		count	Actual				
66122	Hemipodus		count	Actual				
66126	Goniadidae		count	Actual				
66127	Glycinde		count	Actual				
66132	Glycinde solitaria		count	Actual				
66157	Onuphidae		count	Actual				
66157A	Onuphidae		count	Actual				
66164	Onuphis eremita		count	Actual				
66180	Diopatra cuprea		count	Actual				
66222	Americonuphis magna		count	Actual				
66258	Kinbergonuphis		count	Actual				
66259	Kinbergonuphis simoni		count	Actual				
66300	Marphysa		count	Actual				
66300E	Marphysa	sp.1	count	Actual				
66301	Marphysa sanguinea		count	Actual				
66319	Lysidice		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66320	Lysidice ninetta		count	Actual				
66328	Nematonereis		count	Actual				
66335	Lumbrineridae		count	Actual				
66341	Lumbrineris latreilli		count	Actual				
66351	Lumbrineris tenuis		count	Actual				
66366	Lumbrineris verrilli		count	Actual				
66367	Lumbrineris coccinea		count	Actual				
66422	Arabellidae		count	Actual				
66423	Drilonereis		count	Actual				
66431	Drilonereis magna		count	Actual				
66440	Arabella		count	Actual				
66478	Dorvilleidae		count	Actual				
66479	Dorvillea		count	Actual				
66489	Dorvillea rubra		count	Actual				
66493	Protodorvillea		count	Actual				
66517	Schistomeringos		count	Actual				
66523	Schistomeringos rudolphi		count	Actual				
66577	Haploscoloplos foliosus		count	Actual				
66583	Naineris		count	Actual				
66586	Naineris laevigata		count	Actual				
66594	Scoloplos	sp.1	count	Actual				
66603	Scoloplos rubra		count	Actual				
66653	Leitoscoloplos		count	Actual				
66656	Leitoscoloplos fragilis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66659	Paraonidae		count	Actual				
66666	Aricidea		count	Actual				
66666E	Aricidea	sp.2	count	Actual				
66667	Aricidea suecica		count	Actual				
66678	Aricidea fragilis		count	Actual				
66683	Aricidea philbinae		count	Actual				
66684	Aricidea taylori		count	Actual				
66696	Paraonis		count	Actual				
66697	Paraonis fulgens		count	Actual				
66708	Cirrophorus		count	Actual				
66711	Cirrophorus lyra		count	Actual				
66727	Levinsenia		count	Actual				
66765	Aricidea catherinae		count	Actual				
66781	Spionidae		count	Actual				
66789	Polydora		count	Actual				
66791	Polydora socialis		count	Actual				
66794	Polydora caulleryi		count	Actual				
66801	Polydora ligni		count	Actual				
66838	Prionospio		count	Actual				
66843	Prionospio heterobranchia		count	Actual				
66845	Prionospio steenstrupi		count	Actual				
66847	Apoprionospio pygmaea		count	Actual				
66854	Prionospio perkinsi		count	Actual				
66864	Spio		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66870	Spio pettiboneae		count	Actual				
66896	Spiophanes		count	Actual				
66897	Spiophanes bombyx		count	Actual				
66920	Malacoceros		count	Actual				
66937	Paraprionospio pinnata		count	Actual				
66938	Streblospio		count	Actual				
66939	Streblospio benedicti		count	Actual				
66941	Dispio uncinata		count	Actual				
66942	Scolecopsis		count	Actual				
66949	Scolecopsis texana		count	Actual				
66972	Microspio pigmentata		count	Actual				
67003	Carazziella hobsonae		count	Actual				
67023	Apoprionospio		count	Actual				
67026	Minuspio		count	Actual				
67027	Minuspio cirrifera		count	Actual				
67043	Magelona		count	Actual				
67043H	Magelona	sp.1	count	Actual				
67043I	Magelona	sp.2	count	Actual				
67049	Magelona pettiboneae		count	Actual				
67052	Magelona phyllisae		count	Actual				
67055	Magelona polydentata		count	Actual				
67082	Poecilochaetus johnsoni		count	Actual				
67095	Chaetopteridae		count	Actual				
67097	Chaetopterus variopedatus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67107	Spiochaetopterus costarum		count	Actual				
67110	Spiochaetopterus oculatus		count	Actual				
67116	Cirratulidae		count	Actual				
67123	Cirratulus hedgpethi		count	Actual				
67126	Caulleriella		count	Actual				
67147	Tharyx acutus		count	Actual				
67156D	Chaetozone	sp.1	count	Actual				
67172	Cirriformia		count	Actual				
67209	Cossura delta		count	Actual				
67210	Cossura soyeri		count	Actual				
67272	Piromis roberti		count	Actual				
67343	Armandia		count	Actual				
67346	Armandia agilis		count	Actual				
67347	Armandia maculata		count	Actual				
67353	Ophelia		count	Actual				
67364	Travisia		count	Actual				
67371	Travisia hobsonae		count	Actual				
67379	Ophelina		count	Actual				
67391	Ophelina acuminata		count	Actual				
67411	Sternaspis scutata		count	Actual				
67413	Capitellidae		count	Actual				
67414	Capitella		count	Actual				
67415	Capitella capitata		count	Actual				
67415A	Capitella capitata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67420	Heteromastus filiformis		count	Actual				
67423	Notomastus		count	Actual				
67423E	Notomastus	sp.1	count	Actual				
67429	Notomastus latericeus		count	Actual				
67431	Notomastus hemipodus		count	Actual				
67434	Notomastus americanus		count	Actual				
67436	Notomastus daueri		count	Actual				
67438	Mediomastus		count	Actual				
67439	Mediomastus ambiseta		count	Actual				
67440	Mediomastus californiensis		count	Actual				
67444	Decamastus		count	Actual				
67456	Dasybranchus		count	Actual				
67515	Maldanidae		count	Actual				
67515A	Maldanidae	sp.1	count	Actual				
67516	Asychis		count	Actual				
67519	Asychis elongata		count	Actual				
67528	Clymenella torquata		count	Actual				
67536	Maldane sarsi		count	Actual				
67561	Axiothella		count	Actual				
67566	Axiothella mucosa		count	Actual				
67632	Macroclymene zonalis		count	Actual				
67634	Branchioasychis americana		count	Actual				
67645	Owenia		count	Actual				
67647	Owenia fusiformis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67656A	Myriowenia		count	Actual				
67660	Galathowenia		count	Actual				
67662	Galathowenia oculata		count	Actual				
67669	Sabellaria		count	Actual				
67694E	Amphictene		count	Actual				
67706	Pectinaria		count	Actual				
67709	Pectinaria gouldi		count	Actual				
67718	Ampharetidae		count	Actual				
67727A	Ampharete		count	Actual				
67747	Amphicteis gunneri		count	Actual				
67755	Hobsonia florida		count	Actual				
67763	Melinna cristata		count	Actual				
67766	Melinna maculata		count	Actual				
67813	Isolda pulchella		count	Actual				
67899	Terebellidae		count	Actual				
67906	Eupolymnia		count	Actual				
67940	Pista		count	Actual				
67947	Pista palmata		count	Actual				
67959	Polycirrus		count	Actual				
67983	Thelepus setosus		count	Actual				
68014	Loimia		count	Actual				
68014A	Loimia	sp.1	count	Actual				
68028	Streblosoma		count	Actual				
68033	Streblosoma hartmanae		count	Actual				

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68034E	Hauchiella		count	Actual				
68049	Euthelepus		count	Actual				
68068	Terebellides		count	Actual				
68069	Terebellides stroemi		count	Actual				
68076	Sabellidae		count	Actual				
68077	Chone		count	Actual				
68081	Chone duneri		count	Actual				
68113	Megalomma		count	Actual				
68116	Megalomma bioculatum		count	Actual				
68150	Bispira		count	Actual				
68208	Hypsicomus phaeotaenia		count	Actual				
68221	Demonax		count	Actual				
68222	Demonax microphthalmus		count	Actual				
68232	Serpulidae		count	Actual				
68243	Serpula		count	Actual				
68281	Hydroides		count	Actual				
68282	Hydroides dianthus		count	Actual				
68283	Hydroides protulicola		count	Actual				
68286	Hydroides crucigera		count	Actual				
68296	Filograna		count	Actual				
68311	Pomatoceros americanus		count	Actual				
68373	Questa		count	Actual				
68419	Polygordius		count	Actual				
68419E	Polygordius	sp.1	count	Actual				

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68422	Oligochaeta		count	Actual				
68585	Tubificidae		count	Actual				
68585A	Tubificidae	sp.1	count	Actual				
68854	Naididae		count	Actual				
69459	Gastropoda		count	Actual				
69459A	Gastropoda	sp.1	count	Actual				
69659	Acmaea		count	Actual				
69676	Acmaea pustulata		count	Actual				
70087	Turbo		count	Actual				
70163	Neritina reclivata		count	Actual				
70181	Smaragdia viridis		count	Actual				
70493	Hydrobiidae		count	Actual				
70797	Rissoidae		count	Actual				
70945	Sayella		count	Actual				
71041	Schwartziella		count	Actual				
71064	Vitrinellidae		count	Actual				
71071	Vitrinella texana		count	Actual				
71120	Solariorbis infracarinata		count	Actual				
71127	Teinostoma biscaynense		count	Actual				
71178	Circulus suppressus		count	Actual				
71372	Caecidae		count	Actual				
71379	Caecum		count	Actual				
71379E	Caecum	sp.1	count	Actual				
71380	Caecum pulchellum		count	Actual				

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71387	Caecum imbricatum		count	Actual				
71393	Caecum johnsoni		count	Actual				
71404	Caecum nitidum		count	Actual				
71951	Cerithidea pliculosa		count	Actual				
71969	Alaba incerta		count	Actual				
71975	Cerithiidae		count	Actual				
72119	Cerithium		count	Actual				
72120	Cerithium atratum		count	Actual				
72170	Finella adamsi		count	Actual				
72233	Epitonium		count	Actual				
72247	Epitonium multistriatum		count	Actual				
72438	Eulimidae		count	Actual				
72440	Melanella		count	Actual				
72487	Strombiformis		count	Actual				
72492	Strombiformis hemphilli		count	Actual				
72503	Niso		count	Actual				
72619	Crepidula		count	Actual				
72619E	Crepidula	sp.1	count	Actual				
72623	Crepidula fornicata		count	Actual				
72624	Crepidula convexa		count	Actual				
72627	Crepidula plana		count	Actual				
72632	Crepidula maculosa		count	Actual				
72883	Natica		count	Actual				
72888	Natica pusilla		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
72918	Polinices duplicatus		count	Actual				
72957	Tectonatica pusilla		count	Actual				
73542	Mitrella		count	Actual				
73552	Mitrella lunata		count	Actual				
73617	Anachis avara		count	Actual				
73622	Anachis obesa		count	Actual				
73826	Cantharus cancellarius		count	Actual				
74103	Nassarius		count	Actual				
74107	Nassarius vibex		count	Actual				
74114	Nassarius acutus		count	Actual				
74222	Olividae		count	Actual				
74224	Olivella		count	Actual				
74232	Olivella dealbata		count	Actual				
74278	Oliva sayana		count	Actual				
74284	Jaspidella		count	Actual				
74360	Cancellaria reticulata		count	Actual				
74378	Marginellidae		count	Actual				
74384	Marginella		count	Actual				
74399	Marginella apicina		count	Actual				
74400	Prunum apicinum		count	Actual				
74410	Prunum		count	Actual				
74462	Dentimargo eburneolus		count	Actual				
74555	Turridae		count	Actual				
74806A	Kurtziella cerina		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
75244	Granoturris		count	Actual				
75407	Terebridae		count	Actual				
75436	Hastula salleana		count	Actual				
75446	Pyramidellidae		count	Actual				
75447	Odostomia		count	Actual				
75447E	Odostomia	sp.1	count	Actual				
75676	Turbonilla		count	Actual				
75676A	Turbonilla	sp.2	count	Actual				
75676E	Turbonilla	sp.1	count	Actual				
75676Z	Turbonilla	sp.3	count	Actual				
75687	Turbonilla interrupta		count	Actual				
75696	Turbonilla portoricana		count	Actual				
75699	Turbonilla hemphilli		count	Actual				
75950	Pyramidella crenulata		count	Actual				
75989	Boonea impressa		count	Actual				
75990	Odostomia impressa		count	Actual				
76083	Rictaxis punctostriatus		count	Actual				
76107	Acteocina		count	Actual				
76117	Acteocina canaliculata		count	Actual				
76120	Acteocina candei		count	Actual				
76236E	Bulla		count	Actual				
76237	Bulla striata		count	Actual				
76254	Haminoeidae		count	Actual				
76256	Haminoea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
76312	Cylindrobulla beauii		count	Actual				
76402	Cuvierina columnella		count	Actual				
78156	Nudibranchia		count	Actual				
78156A	Nudibranchia	sp.1	count	Actual				
78807	Polyplacophora		count	Actual				
78842	Ischnochitonidae		count	Actual				
78849	Ischnochiton		count	Actual				
79011	Chitonidae		count	Actual				
79012	Chiton		count	Actual				
79118	Bivalvia		count	Actual				
79118A	Bivalvia	sp.1	count	Actual				
79126	Nucula		count	Actual				
79142	Nucula crenulata		count	Actual				
79177	Nuculanidae		count	Actual				
79188	Nuculana		count	Actual				
79195	Nuculana acuta		count	Actual				
79205	Nuculana concentrica		count	Actual				
79314	Solemya		count	Actual				
79337	Anadara		count	Actual				
79340	Anadara transversa		count	Actual				
79451	Mytilidae		count	Actual				
79517	Brachidontes		count	Actual				
79519	Brachidontes exustus		count	Actual				
79523	Brachidontes domingensis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
79529	Amygdalum papyrium		count	Actual				
79543	Lioberus castaneus		count	Actual				
79555	Geukensia demissa		count	Actual				
79561	Ischadium recurvum		count	Actual				
79872	Crassostrea virginica		count	Actual				
80385	Lucinidae		count	Actual				
80388	Parvilucina multilineata		count	Actual				
80415	Lucina nassula		count	Actual				
80421	Lucina nuttalli centrifuga		count	Actual				
80434	Anodontia alba		count	Actual				
80475	Codakia orbiculata		count	Actual				
80574	Diplodonta semiaspera		count	Actual				
80578	Diplodonta punctata		count	Actual				
80603	Cyrenoididae		count	Actual				
80605	Cyrenoida floridana		count	Actual				
80651	Mysella		count	Actual				
80651A	Mysella	sp.1	count	Actual				
80661	Mysella planulata		count	Actual				
80732	Carditidae		count	Actual				
80773	Pteromeris		count	Actual				
80774	Pleuromeris tridentata		count	Actual				
80850	Crassinella		count	Actual				
80851	Crassinella lunulata		count	Actual				
80890	Laevicardium		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
80891	Laevicardium mortoni		count	Actual				
80907	Trachycardium muricatum		count	Actual				
80942	Mactridae		count	Actual				
80959	Mulinia lateralis		count	Actual				
80962	Rangia cuneata		count	Actual				
80963	Rangia flexuosa		count	Actual				
80968	Mactra fragilis		count	Actual				
80994	Ervilia		count	Actual				
81023	Ensis minor		count	Actual				
81032	Tellinidae		count	Actual				
81032A	Tellinidae	sp.1	count	Actual				
81033	Macoma		count	Actual				
81033E	Macoma	sp.1	count	Actual				
81054	Macoma mitchelli		count	Actual				
81055	Macoma tenta		count	Actual				
81074	Tellina		count	Actual				
81074E	Tellina	sp.1	count	Actual				
81100	Tellina versicolor		count	Actual				
81101	Tellina alternata		count	Actual				
81108	Tellina texana		count	Actual				
81113	Tellina tampaensis		count	Actual				
81215	Strigilla mirabilis		count	Actual				
81272	Tagelus plebeius		count	Actual				
81274	Tagelus divisus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
81289	Semelidae		count	Actual				
81294	Semele proficua		count	Actual				
81325	Semele nuculoides		count	Actual				
81335	Mytilopsis leucophaeata		count	Actual				
81439	Veneridae		count	Actual				
81489	Dosinia discus		count	Actual				
81494	Cyclinella tenuis		count	Actual				
81495	Mercenaria		count	Actual				
81500	Pitar		count	Actual				
81504	Pitar fulminatus		count	Actual				
81511	Gemma gemma		count	Actual				
81517	Chione		count	Actual				
81523	Chione cancellata		count	Actual				
81582	Tivela		count	Actual				
81583	Tivela floridana		count	Actual				
81603	Anomalocardia auberiana		count	Actual				
81627	Petricolaria pholadiformis		count	Actual				
81702	Sphenia		count	Actual				
81712A	Corbula contracta		count	Actual				
81717	Corbula swiftiana		count	Actual				
81806	Martesia fragilis		count	Actual				
81895	Pandora trilineata		count	Actual				
81947	Periploma margaritaceum		count	Actual				
81958	Thraciidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
82115	Scaphopoda		count	Actual				
82166	Antalis antillarum		count	Actual				
83545	Pycnogonida		count	Actual				
83640	Anoplodactylus		count	Actual				
84195A	Ostracoda		count	Actual				
84300A	Eusarsiella	sp.1	count	Actual				
84305	Eusarsiella disparalis		count	Actual				
84735B	Haplocytheridea		count	Actual				
84736	Haplocytheridea setipunctata		count	Actual				
89622	Balanus improvisus		count	Actual				
89807	Mysidacea		count	Actual				
89856	Mysidae		count	Actual				
89856A	Mysidae	sp.1	count	Actual				
90138	Mysidopsis		count	Actual				
90141	Mysidopsis almyra		count	Actual				
90143	Mysidopsis furca		count	Actual				
90175	Mysidopsis taironana		count	Actual				
90267	Bowmaniella dissimilis		count	Actual				
90698	Metamysidopsis		count	Actual				
90745	Cumacea		count	Actual				
90790	Leucon americanus		count	Actual				
90812	Eudorella monodon		count	Actual				
90922	Oxyurostylis		count	Actual				
90922E	Oxyurostylis	sp.2	count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
90922K	Oxyurostylis	sp.1	count	Actual				
90923	Oxyurostylis smithi		count	Actual				
90923A	Oxyurostylis smithi		count	Actual				
90979	Almyracuma proximoculi		count	Actual				
91031	Cyclaspis		count	Actual				
91032	Cyclaspis pustulata		count	Actual				
91033	Cyclaspis varians		count	Actual				
91061	Tanaidacea		count	Actual				
91174	Apseudes propinquus		count	Actual				
91298	Kalliapseudes		count	Actual				
91298A	Kalliapseudes	sp.1	count	Actual				
91381	Tanaidae		count	Actual				
91382	Tanais		count	Actual				
92067	Leptochelia rapax		count	Actual				
92068	Hargeria rapax		count	Actual				
92120	Isopoda		count	Actual				
92149	Cyathura polita		count	Actual				
92162	Xenanthura brevitelson		count	Actual				
92199	Hyssuridae		count	Actual				
92250	Eurydice personata		count	Actual				
92283	Sphaeromatidae		count	Actual				
92290	Paracereis caudata		count	Actual				
92319	Dynamenella		count	Actual				
92339	Sphaeroma quadridentatum		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
92348	Cassinidea ovalis		count	Actual				
92409	Harrieta faxoni		count	Actual				
92426E	Limnoria		count	Actual				
92484	Aegidae		count	Actual				
92617	Erichsonella		count	Actual				
92618	Erichsonella attenuata		count	Actual				
92619	Erichsonella filiformis		count	Actual				
92620	Erichsonella crenulata		count	Actual				
92622	Erichsonella floridana		count	Actual				
92627	Edotea triloba		count	Actual				
92837	Carpas		count	Actual				
93294	Amphipoda		count	Actual				
93321	Ampelisca		count	Actual				
93321C	Ampelisca	sp.1	count	Actual				
93329	Ampelisca abdita		count	Actual				
93330	Ampelisca vadorum		count	Actual				
93345	Ampelisca holmesi		count	Actual				
93382	Amphilochoidea		count	Actual				
93408	Ampithoidae		count	Actual				
93409	Ampithoe		count	Actual				
93429	Cymadusa		count	Actual				
93430	Cymadusa compta		count	Actual				
93440	Aoridae		count	Actual				
93459	Lembos websteri		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
93494	Rudilemboides naglei		count	Actual				
93508	Argissa hamatipes		count	Actual				
93528	Batea catharinensis		count	Actual				
93530	Carinobatea		count	Actual				
93531	Carinobatea carinata		count	Actual				
93584	Corophiidae		count	Actual				
93585	Cerapus		count	Actual				
93585B	Cerapus	sp.1	count	Actual				
93587	Cerapus tubularis		count	Actual				
93588	Cerapus benthophilus		count	Actual				
93589	Corophium		count	Actual				
93589E	Corophium	sp.1	count	Actual				
93590	Corophium acherusicum		count	Actual				
93605	Corophium louisianum		count	Actual				
93611	Erichthonius		count	Actual				
93613	Erichthonius brasiliensis		count	Actual				
93642	Grandidierella bonnieroides		count	Actual				
93745	Gammaridae		count	Actual				
93746	Melitidae		count	Actual				
93757B	Ceradocus		count	Actual				
93761	Elasmopus laevis		count	Actual				
93773	Gammarus		count	Actual				
93781	Gammarus tigrinus		count	Actual				
93783	Gammarus mucronatus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
93794	Maera		count	Actual				
93806	Melita		count	Actual				
93812	Melita nitida		count	Actual				
93848	Dulichieilla appendiculata		count	Actual				
93980	Acanthohaustorius		count	Actual				
94018	Haustorius		count	Actual				
94037	Hyale		count	Actual				
94043	Hyale nilssonii		count	Actual				
94057	Isaeidae		count	Actual				
94061	Photis		count	Actual				
94061E	Photis	sp.1	count	Actual				
94122	Microprotopus raneyi		count	Actual				
94205	Liljeborgiidae		count	Actual				
94212	Listriella		count	Actual				
94213	Listriella barnardi		count	Actual				
94214	Listriella clymenellae		count	Actual				
94217	Listriella carinata		count	Actual				
94224	Lysianassidae		count	Actual				
94462	Lysianopsis		count	Actual				
94489	Oedicerotidae		count	Actual				
94519	Monoculodes		count	Actual				
94519D	Monoculodes	sp.1	count	Actual				
94567	Synchelidium americanum		count	Actual				
94633	Phoxocephalidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
94724	Metharpinia floridana		count	Actual				
94727	Rhepoxynius		count	Actual				
94754	Eobrolgus		count	Actual				
94764	Eudevenopus honduranus		count	Actual				
94903	Stenothoidae		count	Actual				
95375	Caprellidae		count	Actual				
95392	Caprella		count	Actual				
95410	Caprella equilibra		count	Actual				
95434	Paracaprella tenuis		count	Actual				
95599	Decapoda		count	Actual				
95603	Penaeus		count	Actual				
95647	Trachypenaeus		count	Actual				
95648	Trachypenaeus constrictus		count	Actual				
95916	Lucifer faxoni		count	Actual				
95964	Hadropenaeus affinis		count	Actual				
96027	Sicyonia		count	Actual				
96213	Palaemonidae		count	Actual				
96383	Palaemonetes		count	Actual				
96390	Palaemonetes pugio		count	Actual				
96600	Alpheidae		count	Actual				
96601	Alpheus		count	Actual				
96678A	Automate	sp.1	count	Actual				
96678E	Automate		count	Actual				
96737	Ogyrides alphaerostris		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
96871	Latreutes parvulus		count	Actual				
96917	Thor		count	Actual				
96941	Processidae		count	Actual				
97732	Callianassidae		count	Actual				
97774	Paguridae		count	Actual				
97775	Pagurus		count	Actual				
97804	Pagurus annulipes		count	Actual				
97824	Pagurus gymnodactylus		count	Actual				
97828	Pagurus maclaughlinae		count	Actual				
98080	Euceramus		count	Actual				
98083	Polyonyx gibbesi		count	Actual				
98106	Lepidopa benedicti		count	Actual				
98153	Diogenidae		count	Actual				
98209	Upogebia affinis		count	Actual				
98689	Portunidae		count	Actual				
98695	Callinectes		count	Actual				
98697	Callinectes similis		count	Actual				
98748	Xanthidae		count	Actual				
98763	Hexapanopeus		count	Actual				
98770	Neopanope		count	Actual				
98771	Neopanope texana		count	Actual				
98779	Panopeus turgidus		count	Actual				
98790	Rhithropanopeus harrisi		count	Actual				
98964	Pinnotheridae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
98993	Pinnixa		count	Actual				
98993A	Pinnixa	sp.2	count	Actual				
98993E	Pinnixa	sp.1	count	Actual				
98998	Pinnixa chaetoptera		count	Actual				
99000	Pinnixa lunzi		count	Actual				
99002	Pinnixa sayana		count	Actual				
99006	Pinnixa pearsei		count	Actual				
99039	Sesarma reticulatum		count	Actual				
E00020	Asteropella		count	Actual				
E00069	Eusarsiella	sp.2	count	Actual				
E00073	Eusarsiella	sp.3	count	Actual				
E00107	Malmgreniella	sp.1	count	Actual				
E00109	Malmgreniella	sp.3	count	Actual				
E00128	Odostomia	sp.2	count	Actual				
E00135	Oxyurostylis	sp.3	count	Actual				
E00143	Pectinaria	sp.1	count	Actual				
E00173	Scoletoma	sp.1	count	Actual				
E00192	Tectidrilus		count	Actual				
E00193	Teinostoma		count	Actual				
E02081	Amygdalum		count	Actual				
E02171	Austinixa		count	Actual				
E02172	Aricidea	sp.1	count	Actual				
E02173	Bispira	sp.1	count	Actual				
E02175	Capitella	sp.1	count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
E02176	Demonax	sp.1	count	Actual				
E02177A	Dorvillea rudolphi		count	Actual				
E02182	Lepidasthenia	sp.1	count	Actual				
E02183	Maera	sp.1	count	Actual				
E02184	Melita	sp.1	count	Actual				
E02186	Minuspio	sp.1	count	Actual				
E02188	Parandalia		count	Actual				
E02191	Shoemakerella		count	Actual				
E02192	Sigambra	sp.1	count	Actual				
E02193	Sigambra	sp.2	count	Actual				
E02195	Streblospio	sp.1	count	Actual				
E02205	Pelecypoda		count	Actual				
E02206	Pinnixa cristata		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BSPECNE9	Benthic infauna: NCA-NE 2000	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
Citations	C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p						
Description	Counts of benthic infauna collected in one grab for the National Coastal Assessment-Northeast (NE) 2000 program.						

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
127076	Ceratopogonidae		count	Actual				
127917	Chironomidae		count	Actual				
128277	Procladius		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128575	Cricotopus		count	Actual				
129254	Chironomus	sp.1	count	Actual				
129368	Cryptochironomus		count	Actual				
129516	Harnischia		count	Actual				
129657	Polypedilum		count	Actual				
129686	Polypedilum illinoense		count	Actual				
129708	Polypedilum scalaenum		count	Actual				
129711	Polypedilum simulans		count	Actual				
129785	Stictochironomus		count	Actual				
129978	Tanytarsus		count	Actual				
154520	Sipuncula		count	Actual				
154734	Phascolion strombi		count	Actual				
155153	Priapula		count	Actual				
155462	Phoronis		count	Actual				
155469	Ectoprocta		count	Actual				
156857	Echinodermata		count	Actual				
156862	Asteroidea		count	Actual				
157217	Asterias forbesi		count	Actual				
157325	Ophiuroidea		count	Actual				
157424	Ophiura sarsi		count	Actual				
157646	Amphiuridae		count	Actual				
157676	Amphipholis squamata		count	Actual				
157709	Amphioplus abdita		count	Actual				
157821	Echinoidea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
158016	Echinarachnius parma		count	Actual				
158140	Holothuroidea		count	Actual				
158297	Sclerodactyla briareus		count	Actual				
158432	Leptosynapta tenuis		count	Actual				
158854	Asciacea		count	Actual				
159296	Dendrodoa carnea		count	Actual				
159337	Styela clava		count	Actual				
159681	Branchiostoma		count	Actual				
182724	Lumbrinereis		count	Actual				
182726	Lumbrineris acicularum		count	Actual				
182728	Scoloplos robustus		count	Actual				
204494	Aricidea cerrutii		count	Actual				
204501	Polydora cornuta		count	Actual				
204530	Tharyx dorsobranchialis		count	Actual				
205822	Eusarsiella zostericola		count	Actual				
46861	Porifera		count	Actual				
48739	Hydrozoa		count	Actual				
48891	Clava multicornis		count	Actual				
52485	Actinaria	sp.1	count	Actual				
53964	Turbellaria		count	Actual				
544186	Edotia triloba		count	Actual				
553094	Hydrozetes		count	Actual				
555698	Podarkeopsis levifuscina		count	Actual				
567846	Macoma balthica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
568245	Pythinella cuneata		count	Actual				
573719	Aphelochaeta	sp.1	count	Actual				
573739	Marenzelleria viridis		count	Actual				
573740	Spio gonocephala		count	Actual				
57411	Nemertea		count	Actual				
57416	Tubulanus		count	Actual				
57443	Lineidae		count	Actual				
59490	Nemata		count	Actual				
609939	Podocopida		count	Actual				
609939A	Podocopida		count	Actual				
64358	Polychaeta		count	Actual				
64397	Polynoidae		count	Actual				
64478	Gattyana cirrosa		count	Actual				
64502	Harmothoe		count	Actual				
64509	Harmothoe extenuata		count	Actual				
64513	Harmothoe imbricata		count	Actual				
64604	Lepidonotus squamatus		count	Actual				
64610	Lepidonotus sublevis		count	Actual				
65074	Pholoe minuta		count	Actual				
65084	Sthenelais boa		count	Actual				
65086	Sthenelais limicola		count	Actual				
65094	Sigalion arenicola		count	Actual				
65138	Fimbriosthenelais minor		count	Actual				
65228	Phyllodocidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65233	Anaitides groenlandica		count	Actual				
65241	Anaitides maculata		count	Actual				
65263	Eteone longa		count	Actual				
65266	Eteone heteropoda		count	Actual				
65276	Eteone fauchaldi		count	Actual				
65321	Paranaitis speciosa		count	Actual				
65343	Eumida sanguinea		count	Actual				
65359	Phyllodoce		count	Actual				
65366	Phyllodoce arenae		count	Actual				
65467	Hesionidae		count	Actual				
65476	Microphthalmus		count	Actual				
65476A	Microphthalmus	sp.1	count	Actual				
65477	Microphthalmus sczelkowi		count	Actual				
65478	Microphthalmus aberrans		count	Actual				
65517	Podarke obscura		count	Actual				
65543	Ancistrosyllis hartmanae		count	Actual				
65545	Ancistrosyllis groenlandica		count	Actual				
65552	Sigambra tentaculata		count	Actual				
65565	Cabira incerta		count	Actual				
65587	Syllidae		count	Actual				
65587A	Syllidae	sp.1	count	Actual				
65588	Autolytus		count	Actual				
65629	Syllis		count	Actual				
65635	Syllis cornuta		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65721	Exogone		count	Actual				
65721A	Exogone	sp.1	count	Actual				
65722	Exogone dispar		count	Actual				
65727	Exogone verugera		count	Actual				
65730	Exogone hebes		count	Actual				
65734	Exogone longicirrus		count	Actual				
65747	Sphaerosyllis taylori		count	Actual				
65753	Sphaerosyllis longicauda		count	Actual				
65762	Brania wellfleetensis		count	Actual				
65789	Odontosyllis fulgurans		count	Actual				
65806	Syllides longocirrata		count	Actual				
65812	Syllides setosa		count	Actual				
65818	Streptosyllis arenae		count	Actual				
65819	Streptosyllis varians		count	Actual				
65824	Parapionosyllis longicirrata		count	Actual				
65870	Nereididae		count	Actual				
65870A	Nereididae	sp.1	count	Actual				
65892	Neanthes virens		count	Actual				
65902	Nereis		count	Actual				
65902A	Nereis		count	Actual				
65905	Nereis pelagica		count	Actual				
65916	Nereis grayi		count	Actual				
65917	Neanthes succinea		count	Actual				
65920	Nereis diversicolor		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65926	Nereis acuminata		count	Actual				
65950	Platynereis dumerilii		count	Actual				
65965	Laeonereis culveri		count	Actual				
66010	Nephtyidae		count	Actual				
66011	Nephtys		count	Actual				
66014	Nephtys caeca		count	Actual				
66027	Nephtys bucera		count	Actual				
66028	Nephtys incisa		count	Actual				
66030	Nephtys picta		count	Actual				
66031	Nephtys squamosa		count	Actual				
66053	Aglaophamus circinata		count	Actual				
66082	Ephesiella minuta		count	Actual				
66101	Glyceridae		count	Actual				
66102	Glycera		count	Actual				
66103	Glycera capitata		count	Actual				
66106	Glycera americana		count	Actual	Mean			
66107	Glycera dibranchiata		count	Actual				
66126	Goniadidae		count	Actual				
66132	Glycinde solitaria		count	Actual				
66140	Goniada maculata		count	Actual				
66148	Goniadella gracilis		count	Actual				
66157	Onuphidae		count	Actual				
66164	Onuphis eremita		count	Actual				
66180	Diopatra cuprea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66330	Nematonereis hebes		count	Actual				
66335	Lumbrineridae		count	Actual				
66338	Lumbrineris fragilis		count	Actual				
66351	Lumbrineris tenuis		count	Actual				
66354	Lumbrineris impatiens		count	Actual				
66365	Lumbrineris ernesti		count	Actual				
66366	Lumbrineris verrilli		count	Actual				
66384	Lumbrineris hebes		count	Actual				
66405	Ninoe nigripes		count	Actual				
66408	Lumbrinerides acuta		count	Actual				
66426	Drilonereis longa		count	Actual				
66441	Arabella iricolor		count	Actual				
66444	Arabella mutans		count	Actual				
66478	Dorvilleidae		count	Actual				
66501	Ophryotrocha		count	Actual				
66523	Schistomeringos rudolphi		count	Actual				
66536	Pettiboneia		count	Actual				
66553	Parougia caeca		count	Actual				
66595	Scoloplos armiger		count	Actual				
66603	Scoloplos rubra		count	Actual				
66653	Leitoscoloplos		count	Actual				
66656	Leitoscoloplos fragilis		count	Actual				
66666	Aricidea	sp.1	count	Actual				
66667	Aricidea suecica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66673	Aricidea wassi		count	Actual				
66680	Aricidea quadrilobata		count	Actual				
66696	Paraonis		count	Actual				
66697	Paraonis fulgens		count	Actual				
66708	Cirrophorus		count	Actual				
66708A	Cirrophorus		count	Actual				
66711	Cirrophorus lyra		count	Actual				
66715	Cirrophorus brevicirratu		count	Actual				
66729	Levinsenia gracilis		count	Actual				
66765	Acmira catherinae		count	Actual				
66778	Apistobanchus tullbergi		count	Actual				
66781	Spionidae		count	Actual				
66791	Polydora socialis		count	Actual				
66794	Polydora caulleryi		count	Actual				
66798	Polydora quadrilobata		count	Actual				
66838	Prionospio		count	Actual				
66843	Prionospio heterobranchia		count	Actual				
66845	Prionospio steenstrupi		count	Actual				
66847	Prionospio pygmaea		count	Actual				
66854	Prionospio perkinsi		count	Actual				
66864	Spio		count	Actual				
66864A	Spio	sp.1	count	Actual				
66865	Spio filicornis		count	Actual				
66868	Spio setosa		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66897	Spiophanes bombyx		count	Actual				
66902	Spiophanes wigleyi		count	Actual				
66917	Pygospio elegans		count	Actual				
66926	Pseudopolydora		count	Actual				
66926A	Pseudopolydora	sp.1	count	Actual				
66937	Paraprionospio pinnata		count	Actual				
66939	Streblospio benedicti		count	Actual				
66941	Dispio uncinata		count	Actual				
66942	Scoleclepis		count	Actual				
66943	Scoleclepis squamata		count	Actual				
66949	Scoleclepis texana		count	Actual				
67003	Carazziella hobsonae		count	Actual				
67043	Magelona		count	Actual				
67047	Magelona rosea		count	Actual				
67051	Magelona papillicornis		count	Actual				
67110	Spiochaetopterus oculatus		count	Actual				
67116	Cirratulidae		count	Actual				
67122	Cirratulus grandis		count	Actual				
67126	Caulleriella	sp.1	count	Actual				
67141	Tharyx		count	Actual				
67147	Tharyx acutus		count	Actual				
67157	Chaetozone setosa		count	Actual				
67205	Cossuridae		count	Actual				
67206	Cossura		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67210	Cossura soyeri		count	Actual				
67216	Cossurella		count	Actual				
67244	Pherusa plumosa		count	Actual				
67247	Pherusa affinis		count	Actual				
67263	Diplocirrus hirsutus		count	Actual				
67313	Scalibregma inflatum		count	Actual				
67369	Travisia carnea		count	Actual				
67391	Ophelina acuminata		count	Actual				
67411	Sternaspis scutata		count	Actual				
67413	Capitellidae		count	Actual				
67414	Capitella		count	Actual				
67415	Capitella capitata		count	Actual				
67419	Heteromastus		count	Actual				
67420	Heteromastus filiformis		count	Actual				
67423	Notomastus		count	Actual				
67429	Notomastus latericeus		count	Actual				
67431	Notomastus hemipodus		count	Actual				
67438	Mediomastus		count	Actual				
67439	Mediomastus ambiseta		count	Actual				
67440	Mediomastus californiensis		count	Actual				
67515	Maldanidae		count	Actual				
67528	Clymenella torquata		count	Actual				
67554	Petaloproctus tenuis		count	Actual				
67566	Axiiothella mucosa		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67569	Praxillella gracilis		count	Actual				
67581	Rhodine loveni		count	Actual				
67644	Oweniidae		count	Actual				
67647	Owenia fusiformis		count	Actual				
67662	Galathowenia oculata		count	Actual				
67671	Sabellaria vulgaris		count	Actual				
67692	Pectinariidae		count	Actual				
67709	Pectinaria gouldi		count	Actual				
67711	Pectinaria granulata		count	Actual				
67718	Ampharetidae		count	Actual				
67735	Ampharete acutifrons		count	Actual				
67747	Amphicteis gunneri		count	Actual				
67763	Melinna cristata		count	Actual				
67766	Melinna maculata		count	Actual				
67786	Asabellides oculata		count	Actual				
67810	Hypaniola		count	Actual				
67899	Terebellidae		count	Actual				
67902	Amphitrite ornata		count	Actual				
67904	Amphitrite johnstoni		count	Actual				
67906	Eupolymnia		count	Actual				
67913	Eupolymnia nebulosa		count	Actual				
67959	Polycirrus		count	Actual				
67959A	Polycirrus	sp.1	count	Actual				
68014	Loimia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68015	Loimia medusa		count	Actual				
68069	Terebellides stroemi		count	Actual				
68076	Sabellidae		count	Actual				
68077	Chone		count	Actual				
68095	Euchone incolor		count	Actual				
68113	Megalomma		count	Actual				
68127	Potamilla neglecta		count	Actual				
68149	Schizobranchia insignis		count	Actual				
68172	Manayunkia speciosa		count	Actual				
68221	Demonax		count	Actual				
68222	Demonax microphthalmus		count	Actual				
68232	Serpulidae		count	Actual				
68281	Hydroides		count	Actual				
68282	Hydroides dianthus		count	Actual				
68372	Novaquesta trifurcata		count	Actual				
68440	Lumbriculidae		count	Actual				
68510	Enchytraeidae		count	Actual				
68585	Tubificidae		count	Actual				
68595	Tubificoides heterochaetus		count	Actual				
68639	Limnodrilus hoffmeisteri		count	Actual				
69459	Gastropoda		count	Actual				
70381	Lacuna vincta		count	Actual				
70414	Littorina irrorata		count	Actual				
70419	Littorina littorea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
70493	Hydrobiidae		count	Actual				
70500	Hydrobia totteni		count	Actual				
70823	Onoba pelagica		count	Actual				
71067	Vitrinella		count	Actual				
71177	Circulus multistriatus		count	Actual				
71379	Caecum		count	Actual				
71380	Caecum pulchellum		count	Actual				
71975	Cerithiidae		count	Actual				
71989	Bittium alternatum		count	Actual				
72611	Calyptraeidae		count	Actual				
72619	Crepidula		count	Actual				
72623	Crepidula fornicata		count	Actual				
72624	Crepidula convexa		count	Actual				
72627	Crepidula plana		count	Actual				
72878	Naticidae		count	Actual				
72957	Tectonatica pusilla		count	Actual				
72961	Neverita duplicata		count	Actual				
72985	Euspira heros		count	Actual				
73236	Muricidae		count	Actual				
73300	Eupleura caudata		count	Actual	Mean			
73537	Amphissa haliaeeti		count	Actual				
73542	Mitrella		count	Actual				
73552	Mitrella lunata		count	Actual				
73617	Anachis avara		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
73631	Anachis lafresnayi		count	Actual				
74102	Nassariidae		count	Actual				
74107	Nassarius vibex		count	Actual				
74169	Nassarius obsoletus		count	Actual				
74170	Nassarius trivittatus		count	Actual				
74806	Kurtziella cerina		count	Actual				
75446	Pyramidellidae		count	Actual				
75447	Odostomia		count	Actual				
75447A	Odostomia		count	Actual				
75497	Odostomia trifida		count	Actual				
75676	Turbonilla		count	Actual				
75687	Turbonilla interrupta		count	Actual				
75988	Boonea bisuturalis		count	Actual				
76083	Rictaxis punctostriatus		count	Actual				
76117	Acteocina canaliculata		count	Actual				
76152	Cylichna gouldii		count	Actual				
76172	Cylichnella		count	Actual				
76181	Philine lima		count	Actual				
76258	Haminoea solitaria		count	Actual				
76279	Retusa obtusa		count	Actual				
76317	Cylichnidae		count	Actual				
76591	Planorbidae		count	Actual				
78156	Nudibranchia		count	Actual				
78381	Onchidoris muricata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
78439	Doridella obscura		count	Actual				
78807	Polyplacophora		count	Actual				
79056	Aplacophora		count	Actual				
79118	Bivalvia		count	Actual				
79123	Nuculidae		count	Actual				
79126	Nucula		count	Actual				
79128	Nucula tenuis		count	Actual				
79132	Nucula proxima		count	Actual				
79177	Nuculanidae		count	Actual				
79192	Nuculana pernula		count	Actual				
79258	Yoldia		count	Actual				
79273	Yoldia limatula		count	Actual				
79274	Yoldia sapotilla		count	Actual				
79314	Solemya		count	Actual				
79316	Solemya velum		count	Actual				
79340	Anadara transversa		count	Actual				
79451	Mytilidae		count	Actual				
79454	Mytilus edulis		count	Actual				
79459	Crenella decussata		count	Actual				
79529	Amygdalum papyrium		count	Actual				
79555	Geukensia demissa		count	Actual				
79740	Argopecten irradians concentricus		count	Actual				
79798	Anomia simplex		count	Actual				
79872	Crassostrea virginica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
80385	Lucinidae		count	Actual				
80525	Thyasira trisinuata		count	Actual				
80650	Lasaeidae		count	Actual				
80661	Mysella planulata		count	Actual				
80744	Cyclocardia borealis		count	Actual				
80797	Astarte		count	Actual				
80801	Astarte castanea		count	Actual				
80811	Astarte undata		count	Actual				
80831	Astarte borealis		count	Actual				
80851	Crassinella lunulata		count	Actual				
80891	Laevicardium mortoni		count	Actual				
80900	Cerastoderma pinnulatum		count	Actual				
80942	Mactridae		count	Actual				
80944	Spisula solidissima		count	Actual				
80959	Mulinia lateralis		count	Actual				
81006	Solenidae		count	Actual				
81017	Solen viridis		count	Actual				
81021	Ensis		count	Actual				
81022	Ensis directus		count	Actual				
81032	Tellinidae		count	Actual				
81033	Macoma		count	Actual				
81055	Macoma tenta		count	Actual				
81074	Tellina		count	Actual				
81088	Tellina agilis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
81272	Tagelus plebeius		count	Actual				
81289	Semelidae		count	Actual				
81304	Abra lioica		count	Actual				
81387	Corbicula fluminea		count	Actual				
81389	Pisidiidae		count	Actual				
81439	Veneridae		count	Actual				
81496	Mercenaria mercenaria		count	Actual				
81501	Pitar morrhuanus		count	Actual				
81511	Gemma gemma		count	Actual				
81627	Petricola pholadiformis		count	Actual				
81688	Myidae		count	Actual				
81691	Mya		count	Actual				
81692	Mya arenaria		count	Actual	Mean			
81712	Corbula contracta		count	Actual				
81765	Hiatella arctica		count	Actual				
81889	Pandora		count	Actual				
81896	Pandora gouldiana		count	Actual				
81926	Lyonsia hyalina		count	Actual				
81941	Periploma		count	Actual				
81945	Periploma papyratium		count	Actual				
82115	Scaphopoda		count	Actual				
82703	Limulus polyphemus		count	Actual				
82771	Halacaridae		count	Actual				
82864	Arrenurus	sp.1	count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
83006	Sperchon		count	Actual				
83051	Limnesia		count	Actual				
83103	Neumania		count	Actual				
83244	Oxus		count	Actual				
83479	Mideopsis		count	Actual				
83682	Hutchinsoniella macracantha		count	Actual				
83863	Sida crystallina		count	Actual				
84132	Ilyocryptus		count	Actual				
84195	Ostracoda		count	Actual				
84215	Cylindroleberididae		count	Actual				
84233	Parasterope pollex		count	Actual				
84300	Eusarsiella		count	Actual				
84300A	Eusarsiella	sp.1	count	Actual				
84300B	Eusarsiella	sp.2	count	Actual				
84300C	Eusarsiella	sp.3	count	Actual				
84682	Pterygocythereis		count	Actual				
84735	Haplocytheridea		count	Actual				
84736	Haplocytheridea setipunctata		count	Actual				
85066	Pellucistoma		count	Actual				
89807	Lophogastrida		count	Actual				
89856	Mysidae		count	Actual				
89977	Heteromysis formosa		count	Actual				
90062	Neomysis americana		count	Actual				
90139	Mysidopsis bigelowi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
90745	Cumacea		count	Actual				
90752	Lamprops quadriplicata		count	Actual				
90790	Leucon americanus		count	Actual				
90799	Eudorella		count	Actual				
90810	Eudorella pusilla		count	Actual				
90835	Diastylidae		count	Actual				
90836	Diastylis		count	Actual				
90836A	Diastylis	sp.1	count	Actual				
90858	Diastylis polita		count	Actual				
90865	Diastylis sculpta		count	Actual				
90866	Diastylis abbreviata		count	Actual				
90883	Leptostylis longimana		count	Actual				
90923	Oxyurostylis smithi		count	Actual				
90941	Campylaspis affinis		count	Actual				
90979	Almyracuma proximoculi		count	Actual				
91032	Cyclaspis pustulata		count	Actual				
91033	Cyclaspis varians		count	Actual				
91566	Tanaissus		count	Actual				
91567	Tanaissus lilljeborgi		count	Actual				
91573	Tanaissus psammophilus		count	Actual				
92026	Leptochelia		count	Actual				
92048	Leptochelia dubia		count	Actual				
92068	Leptochelia rapax		count	Actual				
92149	Cyathura polita		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
92155	Ptilanthura tenuis		count	Actual				
92280	Politolana polita		count	Actual				
92334	Ancinus depressus		count	Actual				
92566	Synidotea		count	Actual				
92593	Idotea metallica		count	Actual				
92596	Idotea balthica		count	Actual				
92597	Idotea phosphorea		count	Actual				
92617	Erichsonella		count	Actual				
92618	Erichsonella attenuata		count	Actual				
92619	Erichsonella filiformis		count	Actual				
92641	Chiridotea caeca		count	Actual				
92643	Chiridotea tuftsii		count	Actual				
92960	Munna fabricii		count	Actual				
93055	Pleurogonium		count	Actual				
93056	Pleurogonium spinosissimum		count	Actual				
93294	Amphipoda		count	Actual				
93320	Ampeliscidae		count	Actual				
93321	Ampelisca		count	Actual				
93321A	Ampelisca	sp.1	count	Actual				
93331	Ampelisca verrilli		count	Actual				
93361	Byblis		count	Actual				
93408	Ampithoidae		count	Actual				
93430	Cymadusa compta		count	Actual				
93440	Aoridae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
93458	Lembos smithi		count	Actual				
93459	Lembos websteri		count	Actual				
93476	Microdeutopus		count	Actual				
93477	Microdeutopus gryllotalpa		count	Actual				
93478	Microdeutopus anomalus		count	Actual				
93485	Leptocheirus		count	Actual				
93486	Leptocheirus plumulosus		count	Actual				
93487	Leptocheirus pinguis		count	Actual				
93493	Acuminodeutopus naglei		count	Actual				
93508	Argissa hamatipes		count	Actual				
93527	Batea		count	Actual				
93528	Batea catharinensis		count	Actual				
93584	Corophiidae		count	Actual				
93587	Cerapus tubularis		count	Actual				
93589	Corophium		count	Actual				
93590	Corophium acherusicum		count	Actual				
93592	Corophium crassicorne		count	Actual				
93594	Corophium lacustre		count	Actual				
93596	Corophium tuberculatum		count	Actual				
93600	Corophium insidiosum		count	Actual				
93601	Corophium volutator		count	Actual				
93611	Ericthonius		count	Actual				
93613	Ericthonius brasiliensis		count	Actual				
93617	Ericthonius rubricornis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
93629	Unciola		count	Actual				
93632	Unciola irrorata		count	Actual				
93633	Unciola serrata		count	Actual				
93665	Dexamine thea		count	Actual				
93723	Pontogeneia inermis		count	Actual				
93745	Gammaridae		count	Actual				
93746	Melitidae		count	Actual				
93760	Elasmopus		count	Actual				
93761	Elasmopus laevis		count	Actual				
93773	Gammarus		count	Actual				
93782	Gammarus palustris		count	Actual				
93783	Gammarus mucronatus		count	Actual				
93785	Gammarus annulatus		count	Actual				
93812	Melita nitida		count	Actual				
93835	Casco bigelowi		count	Actual				
93847	Dulichieilla		count	Actual				
93848	Dulichieilla appendiculata		count	Actual				
93959	Haustoriidae		count	Actual				
93981	Acanthohaustorius intermedius		count	Actual				
93982	Acanthohaustorius millsi		count	Actual				
93991	Bathyporeia quoddyensis		count	Actual				
94006	Parahaustorius longimerus		count	Actual				
94008	Protohaustorius		count	Actual				
94010	Protohaustorius wigleyi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
94057	Isaeidae		count	Actual				
94061	Photis		count	Actual				
94069	Photis macrocoxa		count	Actual				
94121	Microprotopus		count	Actual				
94122	Microprotopus raneyi		count	Actual				
94143	Ischyroceridae		count	Actual				
94153	Ischyrocerus anguipes		count	Actual				
94171	Jassa falcata		count	Actual				
94212	Listriella		count	Actual				
94213	Listriella barnardi		count	Actual				
94224	Lysianassidae		count	Actual				
94233	Anonyx lilljeborgi		count	Actual				
94458	Orchomenella minuta		count	Actual				
94466	Lysianopsis alba		count	Actual				
94489	Oedicerotidae		count	Actual				
94519	Monoculodes		count	Actual				
94536	Monoculodes intermedius		count	Actual				
94567	Synchelidium americanum		count	Actual				
94633	Phoxocephalidae		count	Actual				
94650	Harpinia propinqua		count	Actual				
94677	Phoxocephalus holbolli		count	Actual				
94730	Rhepoxynius hudsoni		count	Actual				
94755	Eobrolgus spinosus		count	Actual				
94809	Stenopleustes gracilis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
94811	Stenopleustes inermis		count	Actual				
94830	Dulichia porrecta		count	Actual				
94912	Metopella angusta		count	Actual				
95019	Tiron spiniferum		count	Actual				
95383	Mayerella limicola		count	Actual				
95392	Caprella		count	Actual				
95419	Caprella penantis		count	Actual				
95432	Aeginina longicornis		count	Actual				
95434	Paracaprella tenuis		count	Actual				
95474	Aeginellidae		count	Actual				
95599	Decapoda		count	Actual				
95605	Penaeus aztecus		count	Actual				
96213	Palaemonidae		count	Actual				
96391	Palaemonetes vulgaris		count	Actual				
96737	Ogyrides alphaerostris		count	Actual				
97106	Crangonidae		count	Actual				
97110	Crangon septemspinosa		count	Actual				
97733	Callianassa		count	Actual				
97760	Gilvossius setimanus		count	Actual				
97774	Paguridae		count	Actual				
97775	Pagurus		count	Actual				
97807	Pagurus longicarpus		count	Actual				
97808	Pagurus politus		count	Actual				
98209	Upogebia affinis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
98417	Majidae		count	Actual				
98454	Libinia dubia		count	Actual				
98679	Cancer irroratus		count	Actual	Mean			
98689	Portunidae		count	Actual				
98714	Ovalipes ocellatus		count	Actual				
98748	Xanthidae		count	Actual				
98768	Hexapanopeus lobipes		count	Actual				
98775	Neopanope sayi		count	Actual				
98778	Panopeus herbstii		count	Actual				
98790	Rhithropanopeus harrisi		count	Actual				
98964	Pinnotheridae		count	Actual				
98966	Dissodactylus mellitae		count	Actual				
98976	Pinnotheres ostreum		count	Actual				
98993	Pinnixa		count	Actual				
98998	Pinnixa chaetoptera		count	Actual				
99002	Pinnixa sayana		count	Actual				
HARGRAPX	Hargeria rapax		count	Actual				
ILYAOSBO	Ilyanassa obsoleta		count	Actual				
ILYATRIV	Ilyanassa trivittata		count	Actual				
LEPTSAVI	Leptochelia savignyi		count	Actual				
MYSIDACE	Mysidacea		count	Actual				
NEMATODA	Nematoda		count	Actual				
NERESUCC	Nereis succinea		count	Actual				
NEREVIRE	Nereis virens		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
ODOSBISU	Odostomia bisuturalis		count	Actual				
PHLDMACU	Phyllodoce maculata		count	Actual				
PHYLGROE	Phyllodoce groenlandica		count	Actual				
PRIAPULI	Priapulida		count	Actual				
RHYNCHOC	Rhynchocoela		count	Actual				
XXXXMONT	Montacutidae		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BSPN01B9	Benthic infauna: NCA-NE 2001	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
Citations	C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p						
Description	Counts of benthic infauna collected in one grab for the National Coastal Assessment-Northeast (NE) 2001 program.						

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101537	Hexagenia		count	Actual				
114177	Optioservus		count	Actual				
116607	Oecetis		count	Actual				
116613	Oecetis inconspicua		count	Actual				
117232	Lepidoptera		count	Actual				
127076	Ceratopogonidae		count	Actual				
127729	Probezzia		count	Actual				
127917	Chironomidae		count	Actual				
128010	Coelotanypus		count	Actual				
128079	Ablabesmyia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128277	Procladius		count	Actual				
128682	Epoicocladius		count	Actual				
128874	Orthocladius		count	Actual				
129018	Psectrocladius		count	Actual				
129254	Chironomus		count	Actual				
129368	Cryptochironomus		count	Actual				
129394	Cryptotendipes		count	Actual				
129428	Dicrotendipes		count	Actual				
129619	Paralauterborniella nigrohalterale		count	Actual				
129637	Phaenopsectra		count	Actual				
129711	Polypedilum simulans		count	Actual				
129935	Paratanytarsus		count	Actual				
129952	Rheotanytarsus		count	Actual				
129978	Tanytarsus		count	Actual				
154520	Sipuncula		count	Actual				
154734	Phascolion strombi		count	Actual				
155462	Phoronis		count	Actual				
156862	Asteroidea		count	Actual				
157217	Asterias forbesi		count	Actual				
157424	Ophiura sarsi		count	Actual				
157617	Ophiopholis aculeata		count	Actual				
157709	Amphioplus abdita		count	Actual				
157722	Amphiura		count	Actual				
157821	Echinoidea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
157906	Arbacia punctulata		count	Actual				
157969	Strongylocentrotus droehbachiensis		count	Actual				
158016	Echinarachnius parma		count	Actual				
158140	Holothuroidea		count	Actual				
158432	Leptosynapta tenuis		count	Actual				
158628	Balanoglossus		count	Actual				
158854	Ascidacea		count	Actual				
159541	Molgula		count	Actual				
159681	Branchiostoma		count	Actual				
182724	Lumbrinereis		count	Actual				
182725	Lumbrineris acicularum		count	Actual				
182726	Lumbrineris acicularum		count	Actual				
182728	Leitoscoloplos robustus		count	Actual				
204480	Arabella nultidentata		count	Actual				
204491	Leitoscoloplos foliosus		count	Actual				
204494	Aricidea cerrutii		count	Actual				
204501	Polydora cornuta		count	Actual				
204530	Tharyx dorsobranchialis		count	Actual				
204678	Circeis spirillum		count	Actual				
205822	Eusarsiella zostericola		count	Actual				
46861	Porifera		count	Actual				
48738	Cnidaria		count	Actual				
48739	Hydrozoa		count	Actual				
52485	Actiniaria		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
53964	Turbellaria		count	Actual				
544186	Edotia triloba		count	Actual				
555698	Podarkeopsis levifuscina		count	Actual				
566908	Pharidae		count	Actual				
567846	Macoma balthica		count	Actual				
573737	Aphelochaeta marioni		count	Actual				
573738	Tharyx killariensis		count	Actual				
573739	Marenzelleria viridis		count	Actual				
573740	Spio gonocephala		count	Actual				
57411	Nemertea		count	Actual				
57416	Tubulanus		count	Actual				
57443	Lineidae		count	Actual				
609939	Podocopida		count	Actual				
64397	Polynoidae		count	Actual				
64502	Harmothoe		count	Actual				
64509	Harmothoe extenuata		count	Actual				
64513	Harmothoe imbricata		count	Actual				
64604	Lepidonotus squamatus		count	Actual				
64610	Lepidonotus sublevis		count	Actual				
65074	Pholoe minuta		count	Actual				
65084	Sthenelais boa		count	Actual				
65086	Sthenelais limicola		count	Actual				
65094	Sigalion arenicola		count	Actual				
65138	Fimbriosthenelais minor		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65143	Pisione remota		count	Actual				
65228	Phyllodocidae		count	Actual				
65251	Anaitides longipes		count	Actual				
65263	Eteone longa		count	Actual				
65266	Eteone heteropoda		count	Actual				
65276	Eteone fauchaldi		count	Actual				
65321	Paranaitis speciosa		count	Actual				
65343	Eumida sanguinea		count	Actual				
65359	Phyllodoce		count	Actual				
65366	Phyllodoce arenae		count	Actual				
65467	Hesionidae		count	Actual				
65476	Microphthalmus		count	Actual				
65477	Microphthalmus sczelkowi		count	Actual				
65478	Microphthalmus aberrans		count	Actual				
65493	Parahesion luteola		count	Actual				
65517	Podarke obscura		count	Actual				
65541	Ancistrosyllis		count	Actual				
65543	Ancistrosyllis hartmanae		count	Actual				
65545	Ancistrosyllis groenlandica		count	Actual				
65552	Sigambra tentaculata		count	Actual				
65565	Cabira incerta		count	Actual				
65587	Syllidae		count	Actual				
65588	Autolytus		count	Actual				
65591	Autolytus cornutus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65629	Syllis		count	Actual				
65721	Exogone		count	Actual				
65722	Exogone dispar		count	Actual				
65727	Exogone verugera		count	Actual				
65730	Exogone hebes		count	Actual				
65735	Sphaerosyllis		count	Actual				
65736	Sphaerosyllis erinaceus		count	Actual				
65747	Sphaerosyllis taylori		count	Actual				
65753	Sphaerosyllis longicauda		count	Actual				
65762	Brania wellfleetensis		count	Actual				
65789	Odontosyllis fulgurans		count	Actual				
65803	Syllides		count	Actual				
65806	Syllides longocirrata		count	Actual				
65818	Streptosyllis arenae		count	Actual				
65819	Streptosyllis varians		count	Actual				
65822	Streptosyllis pettiboneae		count	Actual				
65824	Parapionosyllis longicirrata		count	Actual				
65870	Nereididae		count	Actual				
65871	Ceratonereis		count	Actual				
65891	Neanthes virens		count	Actual				
65892	Nereis virens		count	Actual				
65895	Neanthes arenaceodentata		count	Actual				
65902	Nereis		count	Actual				
65905	Nereis pelagica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65916	Nereis grayi		count	Actual				
65917	Nereis succinea		count	Actual				
65918	Neanthes succinea		count	Actual				
65920	Nereis diversicolor		count	Actual				
65926	Nereis acuminata		count	Actual				
65950	Platynereis dumerilii		count	Actual				
65965	Laeonereis culveri		count	Actual				
66010	Nephtyidae		count	Actual				
66011	Nephtys		count	Actual				
66013	Nephtys ciliata		count	Actual				
66014	Nephtys caeca		count	Actual				
66021	Nephtys discors		count	Actual				
66027	Nephtys bucera		count	Actual				
66028	Nephtys incisa		count	Actual				
66030	Nephtys picta		count	Actual				
66038	Nephtys simoni		count	Actual				
66053	Aglaophamus circinata		count	Actual				
66064	Sphaerodoridae		count	Actual				
66073	Sphaerodoropsis		count	Actual				
66074	Sphaerodoropsis minuta		count	Actual				
66101	Glyceridae		count	Actual				
66102	Glycera		count	Actual				
66103	Glycera capitata		count	Actual				
66106	Glycera americana		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66107	Glycera dibranchiata		count	Actual				
66108	Glycera robusta		count	Actual				
66126	Goniadidae		count	Actual				
66132	Glycinde solitaria		count	Actual				
66148	Goniadella gracilis		count	Actual				
66157	Onuphidae		count	Actual				
66170	Onuphis quadricuspis		count	Actual				
66180	Diopatra cuprea		count	Actual				
66260	Eunicidae		count	Actual				
66301	Marphysa sanguinea		count	Actual				
66302	Marphysa belli		count	Actual				
66319	Lysidice		count	Actual				
66330	Nematonereis hebes		count	Actual				
66335	Lumbrineridae		count	Actual				
66336	Lumbrinereis		count	Actual				
66338	Lumbrineris fragilis		count	Actual				
66351	Lumbrineris tenuis		count	Actual				
66353	Lumbrineris acuta		count	Actual				
66354	Lumbrineris impatiens		count	Actual				
66365	Lumbrineris ernesti		count	Actual				
66366	Lumbrineris verrilli		count	Actual				
66405	Ninoe nigripes		count	Actual				
66423	Drilonereis		count	Actual				
66426	Drilonereis longa		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66431	Drilonereis magna		count	Actual				
66440	Arabella		count	Actual				
66441	Arabella iricolor		count	Actual				
66450	Notocirrus spiniferus		count	Actual				
66478	Dorvilleidae		count	Actual				
66523	Schistomeringos rudolphi		count	Actual				
66536	Pettiboneia		count	Actual				
66553	Parougia caeca		count	Actual				
66594	Scoloplos		count	Actual				
66595	Scoloplos armiger		count	Actual				
66600	Scoloplos robustus		count	Actual				
66603	Scoloplos rubra		count	Actual				
66653	Leitoscoloplos		count	Actual				
66656	Leitoscoloplos fragilis		count	Actual				
66659	Paraonidae		count	Actual				
66666	Aricidea		count	Actual				
66667	Aricidea suecica		count	Actual				
66673	Aricidea wassi		count	Actual				
66680	Aricidea quadrilobata		count	Actual				
66683	Aricidea philbinae		count	Actual				
66697	Paraonis fulgens		count	Actual				
66708	Cirrophorus		count	Actual				
66709	Cirrophorus lyriformis		count	Actual				
66711	Cirrophorus lyra		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66715	Cirrophorus brevicirratu		count	Actual				
66729	Levinsenia gracilis		count	Actual				
66765	Acmira catherinae		count	Actual				
66778	Apistobranchnus tullbergi		count	Actual				
66781	Spionidae		count	Actual				
66789	Polydora		count	Actual				
66791	Polydora socialis		count	Actual				
66794	Polydora caulleryi		count	Actual				
66798	Polydora quadrilobata		count	Actual				
66838	Prionospio		count	Actual				
66843	Prionospio heterobranchia		count	Actual				
66845	Prionospio steenstrupi		count	Actual				
66846	Prionospio pygmaea		count	Actual				
66847	Apoprionospio pygmaea		count	Actual				
66854	Prionospio perkinsi		count	Actual				
66864	Spio		count	Actual				
66865	Spio filicornis		count	Actual				
66868	Spio setosa		count	Actual				
66871	Spio limicola		count	Actual				
66897	Spiophanes bombyx		count	Actual				
66917	Pygospio elegans		count	Actual				
66937	Paraprionospio pinnata		count	Actual				
66939	Streblospio benedicti		count	Actual				
66942	Scoelepis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
66943	Scolecipis squamata		count	Actual				
66949	Scolecipis texana		count	Actual				
66971	Marenzelleria		count	Actual				
66972	Microspio pigmentata		count	Actual				
67003	Carazziella hobsonae		count	Actual				
67010	Boccardiella		count	Actual				
67049	Magelona pettiboneae		count	Actual				
67051	Magelona papillicornis		count	Actual				
67077	Trochochaeta multisetosa		count	Actual				
67081	Poecilochaetus		count	Actual				
67095	Chaetopteridae		count	Actual				
67110	Spiochaetopterus oculatus		count	Actual				
67116	Cirratulidae		count	Actual				
67121	Cirratulus grandis		count	Actual				
67122	Cirratulus grandis		count	Actual				
67126	Caulleriella		count	Actual				
67141	Tharyx		count	Actual				
67144	Tharyx parvus		count	Actual				
67147	Tharyx acutus		count	Actual				
67148	Tharyx annulosus		count	Actual				
67157	Chaetozone setosa		count	Actual				
67168	Dodecaceria corali		count	Actual				
67205	Cossuridae		count	Actual				
67206	Cossura		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67207	Cossura longocirrata		count	Actual				
67210	Cossura soyeri		count	Actual				
67227	Brada villosa		count	Actual				
67241	Pherusa		count	Actual				
67244	Pherusa plumosa		count	Actual				
67246	Pherusa inflata		count	Actual				
67247	Pherusa affinis		count	Actual				
67263	Diplocirrus hirsutus		count	Actual				
67313	Scalibregma inflatum		count	Actual				
67369	Travisia carnea		count	Actual				
67387	Ophelina cylindricaudata		count	Actual				
67391	Ophelina acuminata		count	Actual				
67411	Sternaspis scutata		count	Actual				
67413	Capitellidae		count	Actual				
67414	Capitella		count	Actual				
67415	Capitella capitata		count	Actual				
67420	Heteromastus filiformis		count	Actual				
67423	Notomastus		count	Actual				
67429	Notomastus latericeus		count	Actual				
67432	Notomastus lobatus		count	Actual				
67438	Mediomastus		count	Actual				
67439	Mediomastus ambiseta		count	Actual				
67440	Mediomastus californiensis		count	Actual				
67515	Maldanidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67519	Asychis elongata		count	Actual				
67528	Clymenella torquata		count	Actual				
67531	Clymenella zonalis		count	Actual				
67566	Axiothella mucosa		count	Actual				
67581	Rhodine loveni		count	Actual				
67586	Euclymene zonalis		count	Actual				
67647	Owenia fusiformis		count	Actual				
67660	Galathowenia		count	Actual				
67662	Galathowenia oculata		count	Actual				
67665	Sabellariidae		count	Actual				
67671	Sabellaria vulgaris		count	Actual				
67706	Pectinaria		count	Actual				
67709	Pectinaria gouldi		count	Actual				
67718	Ampharetidae		count	Actual				
67727	Ampharete		count	Actual				
67728	Ampharete arctica		count	Actual				
67735	Ampharete acutifrons		count	Actual				
67741	Ampharete finmarchica		count	Actual				
67744	Amphicteis		count	Actual				
67747	Amphicteis gunneri		count	Actual				
67753	Amphicteis floridus		count	Actual				
67755	Hobsonia florida		count	Actual				
67762	Melinna		count	Actual				
67763	Melinna cristata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67766	Melinna maculata		count	Actual				
67786	Asabellides oculata		count	Actual				
67810	Hypaniola		count	Actual				
67899	Terebellidae		count	Actual				
67902	Amphitrite ornata		count	Actual				
67940	Pista		count	Actual				
67941	Pista cristata		count	Actual				
67947	Pista palmata		count	Actual				
67959	Polycirrus		count	Actual				
67963	Polycirrus eximius		count	Actual				
68015	Loimia medusa		count	Actual				
68069	Terebellides stroemi		count	Actual				
68074	Trichobranchus glacialis		count	Actual				
68076	Sabellidae		count	Actual				
68077	Chone		count	Actual				
68095	Euchone incolor		count	Actual				
68097	Euchone rubrocincta		count	Actual				
68149	Schizobranchia insignis		count	Actual				
68159	Fabricia sabella		count	Actual				
68167	Laonome kroeyeri		count	Actual				
68172	Manayunkia speciosa		count	Actual				
68221	Demonax		count	Actual				
68222	Demonax micropthalmus		count	Actual				
68232	Serpulidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68281	Hydroides		count	Actual				
68282	Hydroides dianthus		count	Actual				
68283	Hydroides protulicola		count	Actual				
68419	Polygordius		count	Actual				
68422	Oligochaeta		count	Actual				
68440	Lumbriculidae		count	Actual				
68510	Enchytraeidae		count	Actual				
68585	Tubificidae		count	Actual				
68595	Peloscolex heterochaetus		count	Actual				
68639	Limnodrilus hoffmeisteri		count	Actual				
68687	Tubificoides		count	Actual				
68854	Naididae		count	Actual				
68902	Dero flabelliger		count	Actual				
69290	Hirudinea		count	Actual				
69438	Erpobdellidae		count	Actual				
69459	Gastropoda		count	Actual				
69759	Lepeta caeca		count	Actual				
70083	Moelleria		count	Actual				
70159	Neritidae		count	Actual				
70381	Lacuna vincta		count	Actual				
70419	Littorina littorea		count	Actual				
70500	Hydrobia totteni		count	Actual				
70797	Rissoidae		count	Actual				
70823	Onoba pelagica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
71064	Vitrinellidae		count	Actual				
71372	Caecidae		count	Actual				
71379	Caecum		count	Actual				
71380	Caecum pulchellum		count	Actual				
71393	Caecum johnsoni		count	Actual				
71975	Cerithiidae		count	Actual				
71989	Bittium alternatum		count	Actual				
72170	Finella adamsi		count	Actual				
72247	Epitonium multistriatum		count	Actual				
72611	Calyptraeidae		count	Actual				
72619	Crepidula		count	Actual				
72623	Crepidula fornicata		count	Actual				
72627	Crepidula plana		count	Actual				
72878	Naticidae		count	Actual				
72957	Tectonatica pusilla		count	Actual				
72985	Euspira heros		count	Actual				
72986	Euspira immaculata		count	Actual				
73236	Muricidae		count	Actual				
73264	Urosalpinx cinerea		count	Actual				
73300	Eupleura caudata		count	Actual	Mean			
73532	Columbellidae		count	Actual				
73542	Mitrella		count	Actual				
73552	Mitrella lunata		count	Actual				
73616	Anachis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
73617	Anachis avara		count	Actual				
73631	Anachis lafresnayi		count	Actual				
74069	Melongenidae		count	Actual				
74071	Busycon carica		count	Actual				
74096	Busycotypus canaliculatus		count	Actual				
74102	Nassariidae		count	Actual				
74107	Nassarius vibex		count	Actual				
74109	Nassarius trivittatus		count	Actual				
74111	Nassarius obsoletus		count	Actual				
74169	Nassarius obsoletus		count	Actual				
74170	Ilyanassa trivittata		count	Actual				
74174	Ptychatractus ligatus		count	Actual				
74555	Turridae		count	Actual				
75446	Pyramidellidae		count	Actual				
75447	Odostomia		count	Actual				
75497	Odostomia trifida		count	Actual				
75676	Turbonilla		count	Actual				
75687	Turbonilla interrupta		count	Actual				
75988	Boonea bisuturalis		count	Actual				
75993	Boonea seminuda		count	Actual				
76048	Acteonidae		count	Actual				
76077	Rictaxis		count	Actual				
76083	Rictaxis punctostriatus		count	Actual				
76107	Acteocina		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
76117	Acteocina canaliculata		count	Actual				
76120	Acteocina candei		count	Actual				
76181	Philine lima		count	Actual				
76184	Philine sagra		count	Actual				
76255	Haminoeidae		count	Actual				
76258	Haminoea solitaria		count	Actual				
76317	Cylichnidae		count	Actual				
77938	Elysia		count	Actual				
78130	Pleurobranchaea tarda		count	Actual				
78439	Doridella obscura		count	Actual				
78807	Polyplacophora		count	Actual				
79056	Aplacophora		count	Actual				
79118	Bivalvia		count	Actual				
79128	Nucula tenuis		count	Actual				
79132	Nucula proxima		count	Actual				
79134	Nucula delphinodonta		count	Actual				
79177	Nuculanidae		count	Actual				
79195	Nuculana acuta		count	Actual				
79258	Yoldia		count	Actual				
79273	Yoldia limatula		count	Actual				
79314	Solemya		count	Actual				
79316	Solemya velum		count	Actual				
79326	Arcidae		count	Actual				
79337	Anadara		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
79340	Anadara transversa		count	Actual				
79342	Anadara ovalis		count	Actual				
79451	Mytilidae		count	Actual				
79452	Mytilus		count	Actual				
79454	Mytilus edulis		count	Actual				
79457	Crenella		count	Actual				
79459	Crenella decussata		count	Actual				
79461	Crenella glandula		count	Actual				
79501	Modiolus modiolus		count	Actual				
79611	Pectinidae		count	Actual				
79737	Argopecten irradians		count	Actual				
79798	Anomia simplex		count	Actual				
79951	Elliptio		count	Actual				
80494	Thyasiridae		count	Actual				
80512	Thyasira flexuosa		count	Actual				
80525	Thyasira trisinuata		count	Actual				
80661	Mysella planulata		count	Actual				
80744	Cyclocardia borealis		count	Actual				
80796	Astartidae		count	Actual				
80797	Astarte		count	Actual				
80801	Astarte castanea		count	Actual				
80811	Astarte undata		count	Actual				
80850	Crassinella		count	Actual				
80851	Crassinella lunulata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
80865	Cardiidae		count	Actual				
80891	Laevicardium mortoni		count	Actual				
80900	Cerastoderma pinnulatum		count	Actual				
80942	Macridae		count	Actual				
80943	Spisula		count	Actual				
80944	Spisula solidissima		count	Actual				
80959	Mulinia lateralis		count	Actual				
81006	Solenidae		count	Actual				
81012	Siliqua costata		count	Actual				
81015	Solen		count	Actual				
81021	Ensis		count	Actual				
81022	Ensis directus		count	Actual				
81032	Tellinidae		count	Actual				
81033	Macoma		count	Actual				
81055	Macoma tenta		count	Actual				
81074	Tellina		count	Actual				
81088	Tellina agilis		count	Actual				
81271	Tagelus		count	Actual				
81272	Tagelus plebeius		count	Actual				
81274	Tagelus divisus		count	Actual				
81304	Abra lioica		count	Actual				
81387	Corbicula fluminea		count	Actual				
81389	Pisidiidae		count	Actual				
81439	Veneridae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
81496	Mercenaria mercenaria		count	Actual				
81501	Pitar morrhuanus		count	Actual				
81511	Gemma gemma		count	Actual				
81517	Chione		count	Actual				
81627	Petricola pholadiformis		count	Actual				
81692	Mya arenaria		count	Actual	Mean			
81708	Corbulidae		count	Actual				
81711	Corbula		count	Actual				
81712	Corbula contracta		count	Actual				
81760	Hiatellidae		count	Actual				
81896	Pandora gouldiana		count	Actual				
81926	Lyonsia hyalina		count	Actual				
81945	Periploma papyratium		count	Actual				
82118	Dentalium		count	Actual				
82703	Limulus polyphemus		count	Actual				
82769	Trombidiformes		count	Actual				
83073	Unionicola		count	Actual				
83661	Pycnogonidae		count	Actual				
83670	Callipallene brevisrostris		count	Actual				
83682	Hutchinsoniella macracantha		count	Actual				
83863	Sida crystallina		count	Actual				
84215	Cylindroleberididae		count	Actual				
84233	Parasterope pollex		count	Actual				
84300	Eusarsiella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
84308	Eusarsiella cornuta		count	Actual				
84736	Haplocytheridea setipunctata		count	Actual				
85066	Pellucistoma		count	Actual				
89599	Balanidae		count	Actual				
89600	Balanus		count	Actual				
89807	Lophogastrida		count	Actual				
89856	Mysidae		count	Actual				
89977	Heteromysis formosa		count	Actual				
90062	Neomysis americana		count	Actual				
90139	Mysidopsis bigelowi		count	Actual				
90140	Mysidopsis bahia		count	Actual				
90184	Erythrops		count	Actual				
90185	Erythrops erythrophthalma		count	Actual				
90745	Cumacea		count	Actual				
90790	Leucon americanus		count	Actual				
90803	Eudorella truncatula		count	Actual				
90810	Eudorella pusilla		count	Actual				
90819	Eudorellopsis deformis		count	Actual				
90833	Paraleucon		count	Actual				
90858	Diastylis polita		count	Actual				
90865	Diastylis sculpta		count	Actual				
90922	Oxyurostylis		count	Actual				
90923	Oxyurostylis smithi		count	Actual				
90928	Petalosarsia declivis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
90933	Campylaspis		count	Actual				
90936	Campylaspis rubicunda		count	Actual				
90941	Campylaspis affinis		count	Actual				
90953	Campylaspis rubromaculata		count	Actual				
90979	Almyracuma proximoculi		count	Actual				
91030	Mancocuma stellifera		count	Actual				
91031	Cyclaspis		count	Actual				
91033	Cyclaspis varians		count	Actual				
91040	Pseudoleptocuma minus		count	Actual				
91573	Tanaissus psammophilus		count	Actual				
92048	Leptochelia dubia		count	Actual				
92068	Leptochelia rapax		count	Actual				
92120	Isopoda		count	Actual				
92144	Anthuridae		count	Actual				
92149	Cyathura polita		count	Actual				
92155	Ptilanthura tenuis		count	Actual				
92225	Cirolanidae		count	Actual				
92283	Sphaeromatidae		count	Actual				
92334	Ancinus depressus		count	Actual				
92348	Cassidinidea ovalis		count	Actual				
92564	Idoteidae		count	Actual				
92566	Synidotea		count	Actual				
92593	Idotea metallica		count	Actual				
92596	Idotea balthica		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
92619	Erichsonella filiformis		count	Actual				
92623	Edotia		count	Actual				
92643	Chiridotea tuftsii		count	Actual				
92814	Jaera marina		count	Actual				
92869	Janira maculosa		count	Actual				
92957	Munna		count	Actual				
92960	Munna fabricii		count	Actual				
93056	Pleurogonium spinosissimum		count	Actual				
93294	Amphipoda		count	Actual				
93320	Ampeliscidae		count	Actual				
93321	Ampelisca		count	Actual				
93329	Ampelisca abdita		count	Actual				
93330	Ampelisca vadorum		count	Actual				
93331	Ampelisca verrilli		count	Actual				
93364	Byblis serrata		count	Actual				
93380	Haploops setosa		count	Actual				
93409	Ampithoe		count	Actual				
93423	Ampithoe longimana		count	Actual				
93424	Ampithoe valida		count	Actual				
93429	Cymadusa		count	Actual				
93430	Cymadusa compta		count	Actual				
93440	Aoridae		count	Actual				
93458	Lembos smithi		count	Actual				
93476	Microdeutopus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
93477	Microdeutopus gryllotalpa		count	Actual				
93478	Microdeutopus anomalus		count	Actual				
93485	Leptocheirus		count	Actual				
93486	Leptocheirus plumulosus		count	Actual				
93487	Leptocheirus pinguis		count	Actual				
93493	Acuminodeutopus naglei		count	Actual				
93506	Argissidae		count	Actual				
93508	Argissa hamatipes		count	Actual				
93528	Batea catharinensis		count	Actual				
93584	Corophiidae		count	Actual				
93585	Cerapus		count	Actual				
93587	Cerapus tubularis		count	Actual				
93589	Corophium		count	Actual				
93590	Corophium acherusicum		count	Actual				
93592	Corophium crassicorne		count	Actual				
93594	Corophium lacustre		count	Actual				
93595	Corophium simile		count	Actual				
93596	Corophium tuberculatum		count	Actual				
93600	Corophium insidiosum		count	Actual				
93601	Corophium volutator		count	Actual				
93602	Corophium acutum		count	Actual				
93611	Ericthonius		count	Actual				
93613	Ericthonius brasiliensis		count	Actual				
93617	Ericthonius rubricornis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
93629	Unciola		count	Actual				
93632	Unciola irrorata		count	Actual				
93633	Unciola serrata		count	Actual				
93640	Pseudunciola obliquua		count	Actual				
93656	Dexaminidae		count	Actual				
93665	Dexamine thea		count	Actual				
93745	Gammaridae		count	Actual				
93746	Melitidae		count	Actual				
93760	Elasmopus		count	Actual				
93761	Elasmopus laevis		count	Actual				
93773	Gammarus		count	Actual				
93782	Gammarus palustris		count	Actual				
93783	Gammarus mucronatus		count	Actual				
93785	Gammarus annulatus		count	Actual				
93795	Maera danae		count	Actual				
93806	Melita		count	Actual				
93809	Melita dentata		count	Actual				
93812	Melita nitida		count	Actual				
93835	Casco bigelowi		count	Actual				
93848	Dulichieilla appendiculata		count	Actual				
93959	Haustoriidae		count	Actual				
93981	Acanthohaustorius intermedius		count	Actual				
93982	Acanthohaustorius millsii		count	Actual				
93984	Acanthohaustorius shoemakeri		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
93988	Amphiporeia virginiana		count	Actual				
93991	Bathyporeia quoddyensis		count	Actual				
94004	Parahaustorius attenuatus		count	Actual				
94006	Parahaustorius longimerus		count	Actual				
94010	Protohaustorius wigleyi		count	Actual				
94019	Haustorius canadensis		count	Actual				
94061	Photis		count	Actual				
94063	Photis reinhardi		count	Actual				
94069	Photis macrocoxa		count	Actual				
94122	Microprotopus raneyi		count	Actual				
94153	Ischyrocerus anguipes		count	Actual				
94171	Jassa falcata		count	Actual				
94213	Listriella barnardi		count	Actual				
94214	Listriella clymenellae		count	Actual				
94224	Lysianassidae		count	Actual				
94233	Anonyx lilljeborgi		count	Actual				
94301	Hippomedon serratus		count	Actual				
94455	Psammonyx nobilis		count	Actual				
94458	Orchomenella minuta		count	Actual				
94466	Lysianopsis alba		count	Actual				
94489	Oedicerotidae		count	Actual				
94519	Monoculodes		count	Actual				
94536	Monoculodes intermedius		count	Actual				
94539	Monoculodes edwardsi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
94567	Synchelidium americanum		count	Actual				
94573	Westwoodilla caecula		count	Actual				
94633	Phoxocephalidae		count	Actual				
94650	Harpinia propinqua		count	Actual				
94677	Phoxocephalus holbolli		count	Actual				
94689	Paraphoxus oculatus		count	Actual				
94728	Rhepoxynius epistomus		count	Actual				
94730	Rhepoxynius hudsoni		count	Actual				
94755	Eobrolgus spinosus		count	Actual				
94768	Pleustidae		count	Actual				
94797	Pleusymtes glaber		count	Actual				
94811	Stenopleustes inermis		count	Actual				
94830	Dulichia porrecta		count	Actual				
94912	Metopella angusta		count	Actual				
94927	Parametopella cypris		count	Actual				
94936	Stenothoe minuta		count	Actual				
95037	Orchestia grillus		count	Actual				
95109	Hyperia		count	Actual				
95375	Caprellidae		count	Actual				
95383	Mayerella limicola		count	Actual				
95392	Caprella		count	Actual				
95419	Caprella penantis		count	Actual				
95432	Aeginina longicornis		count	Actual				
95433	Paracaprella		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
95434	Paracaprella tenuis		count	Actual				
95474	Aeginellidae		count	Actual				
95599	Decapoda		count	Actual				
95889	Acetes americanus		count	Actual				
96390	Palaemonetes pugio		count	Actual				
97106	Crangonidae		count	Actual				
97110	Crangon septemspinosa		count	Actual				
97774	Paguridae		count	Actual				
97775	Pagurus		count	Actual				
97807	Pagurus longicarpus		count	Actual				
98058	Porcellanidae		count	Actual				
98207	Upogebia		count	Actual				
98209	Upogebia affinis		count	Actual				
98417	Majidae		count	Actual				
98453	Libinia		count	Actual				
98454	Libinia dubia		count	Actual				
98670	Cancridae		count	Actual				
98671	Cancer		count	Actual				
98679	Cancer irroratus		count	Actual	Mean			
98689	Portunidae		count	Actual				
98696	Callinectes sapidus		count	Actual				
98714	Ovalipes ocellatus		count	Actual				
98748	Xanthidae		count	Actual				
98768	Hexapanopeus lobipes		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
98778	Panopeus herbstii		count	Actual				
98790	Rhithropanopeus harrisii		count	Actual				
98964	Pinnotheridae		count	Actual				
98975	Pinnotheres maculatus		count	Actual				
98976	Pinnotheres ostreum		count	Actual				
98993	Pinnixa		count	Actual				
98998	Pinnixa chaetoptera		count	Actual				
99002	Pinnixa sayana		count	Actual				
E00044	Cricotopus		count	Actual				
E02111	Cauleriella		count	Actual				
E02112	Pterygocythereis		count	Actual				
E02114	Augeneriella		count	Actual				
E02115	Desmosoma		count	Actual				
E02116	Diastylis		count	Actual				
E02117	Haplocytheridea		count	Actual				
E02118	Hydatinidae		count	Actual				
E02119	Microprotopus		count	Actual				
E02121	Podocopida	sp.1	count	Actual				
E02122	Polycirrus	sp.1	count	Actual				
E02123	Polycirrus	sp.3	count	Actual				
E02125	Praxillella		count	Actual				
E02129	Synidotea	sp.1	count	Actual				
E02130	Capitella	sp.1	count	Actual				
E02131	Chironomidae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
E02134	Idunella		count	Actual				
E02135	Polycirrus	sp.2	count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FSPECEW9	Fish taxon:EMAP-West 1999-2000	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Citations U.S. Environmental Protection Agency, 2001, National Coastal Assessment: Field Operations Manual, USEPA NHEERL, Gulf Ecology Division, Gulf Breeze, FL, 72

Description Counts of fish and invertebrate abundance collected for the EMAP-West 1999-2000 program in generally one, but occasionally more than one trawl.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
02245	Fusitriton	sp.1	count	Actual				
02246	Gorgonocephalus caryi		count	Actual				
156862	Astroidea		count	Actual				
156866	Luidia foliolata		count	Actual				
157063	Crossaster		count	Actual				
157074	Solaster		count	Actual				
157075	Solaster dawsoni		count	Actual				
157078	Solaster stimpsoni		count	Actual				
157107	Pteraster		count	Actual				
157113	Pteraster tessellatus		count	Actual				
157122	Asterina miniata		count	Actual				
157139	Dermasterias imbricata		count	Actual				
157152	Henricia		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
157157	Henricia leviuscula		count	Actual				
157251	Pisaster		count	Actual				
157270	Orthasterias koehleri		count	Actual				
157273	Pycnopodia		count	Actual				
157274	Pycnopodia helianthoides		count	Actual				
157617	Ophiopholis aculeata		count	Actual				
157821	Echinoidea		count	Actual				
157848	Euechinoidea		count	Actual				
157975	Strongylocentrotus purpuratus		count	Actual				
158140	Holothuroidea		count	Actual				
158204	Cucumaria miniata		count	Actual				
158344	Parastichopus californicus		count	Actual				
158348	Stichopus		count	Actual				
158854	Asciacea		count	Actual				
159300	Styela		count	Actual				
160108	Parmaturus xaniurus		count	Actual				
160236	Mustelus henlei		count	Actual				
160617	Squalus acanthias		count	Actual				
160785	Squatina californica		count	Actual				
160818	Rhinobatos productus		count	Actual				
160824	Platyrrhinoidis triseriata		count	Actual				
160848	Raja binoculata		count	Actual				
160849	Raja inornata		count	Actual				
160851	Raja rhina		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
160937	Bathyraja interrupta		count	Actual				
160963	Gymnura marmorata		count	Actual				
160966	Urolophus halleri		count	Actual				
160981	Myliobatis californica		count	Actual				
161015	Hydrolagus colliei		count	Actual				
161700	Clupeidae		count	Actual				
161702	Alosa sapidissima		count	Actual				
161828	Engraulis mordax		count	Actual				
161980	Oncorhynchus tshawytscha		count	Actual				
161984	Salmo clarkii		count	Actual				
162048	Spirinchus starksi		count	Actual				
162049	Spirinchus thaleichthys		count	Actual				
162378	Synodus lucioceps		count	Actual				
163521	Mylocheilus caurinus		count	Actual				
163523	Ptychocheilus oregonensis		count	Actual				
164410	Percopsis transmontana		count	Actual				
164414	Porichthys notatus		count	Actual				
164420	Porichthys myriaster		count	Actual				
164711	Gadus macrocephalus		count	Actual				
164719	Microgadus proximus		count	Actual				
164722	Theragra chalcogramma		count	Actual				
164792	Merluccius productus		count	Actual				
165261	Lycodes diapterus		count	Actual				
165265	Lycodes palearis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
165293	Lycodopsis pacifica		count	Actual				
165322	Ptychocheilus		count	Actual				
165986	Atherinops affinis		count	Actual				
166365	Gasterosteus aculeatus		count	Actual				
166462	Syngnathus leptorhynchus		count	Actual				
166708	Sebastes auriculatus		count	Actual				
166713	Sebastes caurinus		count	Actual				
166716	Sebastes diploproa		count	Actual				
166718	Sebastes emphaeus		count	Actual				
166726	Sebastes maliger		count	Actual				
166730	Sebastes mystinus		count	Actual				
166783	Sebastolobus alascanus		count	Actual				
167110	Hexagrammos decagrammus		count	Actual				
167113	Hexagrammos stelleri		count	Actual				
167116	Ophiodon elongatus		count	Actual				
167128	Zaniolepis latipinnis		count	Actual				
167193	Icelus spiniger		count	Actual				
167211	Arteidius fenestralis		count	Actual				
167215	Arteidius notospilotus		count	Actual				
167225	Clinocottus embryum		count	Actual				
167233	Cottus asper		count	Actual				
167267	Enophrys bison		count	Actual				
167273	Gymnocanthus galeatus		count	Actual				
167279	Hemilepidotus hemilepidotus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
167283	Hemilepidotus spinosus		count	Actual				
167302	Leptocottus armatus		count	Actual				
167304	Malacocottus kincaidi		count	Actual				
167315	Myoxocephalus polyacanthocephalus		count	Actual				
167329	Nautichthys oculofasciatus		count	Actual				
167333	Oligocottus maculosus		count	Actual				
167347	Radulinus asprellus		count	Actual				
167353	Scorpaenichthys marmoratus		count	Actual				
167371	Triglops macellus		count	Actual				
167373	Triglops pingeli		count	Actual				
167380	Chitonotus pugetensis		count	Actual				
167428	Agonopsis vulsa		count	Actual				
167445	Bathyagonus nigripinnis		count	Actual				
167448	Bathyagonus alascanus		count	Actual				
167450	Bathyagonus pentacanthus		count	Actual				
167458	Ocella verrucosa		count	Actual				
167460	Odontopyxis trispinosa		count	Actual				
167464	Sarritor frenatus		count	Actual				
167468	Xeneretmus triacanthus		count	Actual				
167472	Stellerina xyosterna		count	Actual				
167481	Podothecus acipenserinus		count	Actual				
167550	Liparis	sp.1	count	Actual				
167553	Liparis callyodon		count	Actual				
167557	Liparis dennyi		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
167560	Liparis fucensis		count	Actual				
167680	Morone saxatilis		count	Actual				
167833	Paralabrax maculatofasciatus		count	Actual				
167834	Paralabrax nebulifer		count	Actual				
168165	Pomoxis		count	Actual				
168166	Pomoxis annularis		count	Actual				
169257	Genyonemus lineatus		count	Actual				
169303	Umbrina roncador		count	Actual				
169362	Seriphus politus		count	Actual				
169739	Cymatogaster aggregata		count	Actual				
169744	Embiotoca lateralis		count	Actual				
169747	Hyperprosopon argenteum		count	Actual				
169749	Hyperprosopon anale		count	Actual				
169751	Phanerodon furcatus		count	Actual				
169754	Rhacochilus vacca		count	Actual				
169755	Rhacochilus toxotes		count	Actual				
169758	Amphistichus argenteus		count	Actual				
169761	Hypsurus caryi		count	Actual				
170919	Trichodon trichodon		count	Actual				
171583	Lumpenus sagitta		count	Actual				
171634	Apodichthys flavidus		count	Actual				
171642	Pholis ornata		count	Actual				
171746	Gobiidae		count	Actual				
171762	Lepidogobius lepidus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
171882	Acanthogobius flavimanus		count	Actual				
171892	Ilypnus gilberti		count	Actual				
171912	Tridentiger trigonocephalus		count	Actual				
172716	Citharichthys sordidus		count	Actual				
172717	Citharichthys stigmaeus		count	Actual				
172743	Paralichthys californicus		count	Actual				
172800	Xystreureys liolepis		count	Actual				
172868	Eopsetta jordani		count	Actual				
172870	Eopsetta exilis		count	Actual				
172875	Hippoglossoides elassodon		count	Actual				
172887	Microstomus pacificus		count	Actual				
172893	Platichthys stellatus		count	Actual				
172916	Pleuronectes bilineatus		count	Actual				
172918	Pleuronectes isolepis		count	Actual				
172920	Pleuronectes vetulus		count	Actual				
172923	Pleuronichthys coenosus		count	Actual				
172924	Pleuronichthys decurrens		count	Actual				
172925	Pleuronichthys ritteri		count	Actual				
172926	Pleuronichthys verticalis		count	Actual				
172928	Psettichthys melanostictus		count	Actual				
172945	Hypsopsetta guttulata		count	Actual				
172977	Errex zachirus		count	Actual				
173077	Symphurus atricauda		count	Actual				
203347	Tunicata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
204927	Lottiidae		count	Actual				
46861	Porifera		count	Actual				
48739	Hydrozoa		count	Actual				
51483	Scyphozoa		count	Actual				
51640	Chrysaora		count	Actual				
51938	Anthozoa		count	Actual				
52736	Metridium		count	Actual				
52737	Metridium senile		count	Actual				
53856	Ctenophora		count	Actual				
550588	Lycodes cortezianus		count	Actual				
551209	Clupea pallasii		count	Actual				
616029	Reinhardtius stomias		count	Actual				
64358	Polychaeta		count	Actual				
67101	Phyllochaetopterus prolifica		count	Actual				
67669	Sabellaria		count	Actual				
69459	Gastropoda		count	Actual				
70298	Mesogastropoda		count	Actual				
71549	Pleurocera		count	Actual				
72917	Polinices lewisii		count	Actual				
73017	Fusitriton		count	Actual				
73240	Ceratostoma foliatum		count	Actual				
76176	Philine		count	Actual				
78156	Nudibranchia		count	Actual				
78332	Triopha catalinae		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
78472	Tritonia		count	Actual				
78568	Armina californica		count	Actual				
78728	Aeolidia papillosa		count	Actual				
78781	Opisthobranchia		count	Actual				
79032	Cryptochiton stelleri		count	Actual				
79118	Bivalvia		count	Actual				
79273	Yoldia limatula		count	Actual				
79454	Mytilus edulis		count	Actual				
79577	Musculista senhousia		count	Actual				
79611	Pectinidae		count	Actual				
79612	Chlamys		count	Actual				
81385	Corbicula		count	Actual				
81746	Potamocorbula amurensis		count	Actual				
82326	Cephalopoda		count	Actual				
82589	Octopoda		count	Actual				
83677	Crustacea		count	Actual				
89433	Cirripedia		count	Actual				
89602	Balanus balanus		count	Actual				
91277	Macrura		count	Actual				
92120	Isopoda		count	Actual				
92588	Idotea		count	Actual				
93294	Amphipoda		count	Actual				
95599	Decapoda		count	Actual				
96106	Caridea		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
96450	Palaemon macrodactylus		count	Actual				
96830	Heptacarpus		count	Actual				
96966	Pandalus		count	Actual				
96979	Pandalus platyceros		count	Actual				
96981	Pandalus hypsinotus		count	Actual				
96982	Pandalus danae		count	Actual				
96984	Pandalus stenolepis		count	Actual				
96995	Pandalopsis dispar		count	Actual				
97106	Crangonidae		count	Actual				
97107	Crangon		count	Actual				
97107A	Crangon	sp.1	count	Actual				
97169	Paracrangon echinata		count	Actual				
97732	Callianassidae		count	Actual				
97966	Munida quadrispina		count	Actual				
98431	Chionoecetes tanneri		count	Actual				
98436	Pugettia producta		count	Actual				
98512	Pyromaia tuberculata		count	Actual				
98672	Cancer productus		count	Actual				
98675	Cancer magister		count	Actual				
98676	Cancer gracilis		count	Actual				
98734	Carcinus maenas		count	Actual				
99035	Hemigrapsus nudus		count	Actual				
99058	Eriocheir sinensis		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FSPECGU9	Fish taxon: NCA-Gulf 2000	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Citations U.S. Environmental Protection Agency, 2001, National Coastal Assessment: Field Operations Manual, USEPA NHEERL, Gulf Ecology Division, Gulf Breeze, FL, 72

Description Counts of fish and invertebrate abundance collected in one or two trawls for the National Coastal Assessment-Gulf 2000 program. Collection was conducted by trawl in all states, and by seine or electroshock wand at some stations in Alabama.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
156868	Luidia clathrata		count	Actual				
160951	Dasyatis americana		count	Actual				
160953	Dasyatis sabina		count	Actual				
160954	Dasyatis say		count	Actual				
160962	Gymnura micrura		count	Actual				
161093	Lepisosteus		count	Actual				
161095	Lepisosteus oculatus		count	Actual				
161111	Elops saurus		count	Actual				
161123	Anguilliformes		count	Actual				
161127	Anguilla rostrata		count	Actual				
161462	Ophichthus gomesi		count	Actual				
161734	Brevoortia patronus		count	Actual				
161737	Dorosoma cepedianum		count	Actual				
161738	Dorosoma petenense		count	Actual				
161748	Opisthonema oglinum		count	Actual				
161755	Harengula jaguana		count	Actual				
161763	Sardinella aurita		count	Actual				
161838	Anchoa hepsetus		count	Actual				
161839	Anchoa mitchilli		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
161842	Anchoa lyolepis		count	Actual				
162376	Synodus foetens		count	Actual				
164029	Pylodictis olivaris		count	Actual				
164157	Ariidae		count	Actual				
164159	Bagre marinus		count	Actual				
164165	Arius felis		count	Actual				
164424	Opsanus beta		count	Actual				
164460	Gobiesox strumosus		count	Actual				
164579	Ogcocephalus radiatus		count	Actual				
164797	Merluccius australis		count	Actual				
165550	Strongylura		count	Actual				
165679	Lucania parva		count	Actual				
165685	Floridichthys carpio		count	Actual				
165989	Membras martinica		count	Actual				
165992	Menidia		count	Actual				
165993	Menidia beryllina		count	Actual				
166444	Syngnathus		count	Actual				
166446	Syngnathus floridae		count	Actual				
166452	Syngnathus louisianae		count	Actual				
166458	Syngnathus scovelli		count	Actual				
166488	Hippocampus erectus		count	Actual				
166493	Hippocampus zosterae		count	Actual				
166597	Cosmocampus albirostris		count	Actual				
166653	Anarchopterus criniger		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
166816	Scorpaena brasiliensis		count	Actual				
166976	Prionotus scitulus		count	Actual				
166977	Prionotus tribulus		count	Actual				
166996	Prionotus longispinosus		count	Actual				
167014	Eucinostomus		count	Actual				
167683	Morone mississippiensis		count	Actual				
167686	Centropristis		count	Actual				
167691	Centropristis philadelphia		count	Actual				
167793	Diplectrum formosum		count	Actual				
167796	Diplectrum bivittatum		count	Actual				
167806	Hypoplectrus unicolor		count	Actual				
168132	Lepomis cyanellus		count	Actual				
168138	Lepomis gulosus		count	Actual				
168141	Lepomis macrochirus		count	Actual				
168154	Lepomis microlophus		count	Actual				
168160	Micropterus salmoides		count	Actual				
168166	Pomoxis annularis		count	Actual				
168167	Pomoxis nigromaculatus		count	Actual				
168609	Caranx hippos		count	Actual				
168670	Chloroscombrus chrysurus		count	Actual				
168673	Oligoplites saurus		count	Actual				
168680	Selene vomer		count	Actual				
168684	Selene setapinnis		count	Actual				
168740	Hemicaranx amblyrhynchus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
168848	Lutjanus griseus		count	Actual				
168860	Lutjanus synagris		count	Actual				
168907	Ocyurus chrysurus		count	Actual				
169015	Eucinostomus argenteus		count	Actual				
169016	Eucinostomus gula		count	Actual				
169025	Eucinostomus harengulus		count	Actual				
169059	Haemulon plumierii		count	Actual				
169077	Orthopristis chrysoptera		count	Actual				
169187	Lagodon rhomboides		count	Actual				
169189	Archosargus probatocephalus		count	Actual				
169190	Archosargus rhomboidalis		count	Actual				
169196	Calamus arctifrons		count	Actual				
169239	Cynoscion nebulosus		count	Actual				
169240	Cynoscion nothus		count	Actual				
169243	Cynoscion arenarius		count	Actual				
169259	Bairdiella chrysoura		count	Actual				
169262	Bairdiella batabana		count	Actual				
169267	Leiostomus xanthurus		count	Actual				
169269	Larimus fasciatus		count	Actual				
169273	Menticirrhus		count	Actual				
169274	Menticirrhus americanus		count	Actual				
169283	Micropogonias undulatus		count	Actual				
169288	Pogonias cromis		count	Actual				
169292	Stellifer lanceolatus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
169539	Chaetodipterus faber		count	Actual				
169809	Tilapia		count	Actual				
170335	Mugil cephalus		count	Actual				
170336	Mugil curema		count	Actual				
170428	Sphyraena guachancho		count	Actual				
170447	Polydactylus octonemus		count	Actual				
170566	Lachnolaimus maximus		count	Actual				
170860	Nicholsina usta		count	Actual				
170864	Sparisoma chrysopterum		count	Actual				
171433	Paraclinus marmoratus		count	Actual				
171737	Diplogrammus pauciradiatus		count	Actual				
171746	Gobiidae		count	Actual				
171768	Gobionellus boleosoma		count	Actual				
171769	Gobionellus oceanicus		count	Actual				
171789	Gobiosoma bosc		count	Actual				
171791	Gobiosoma robustum		count	Actual				
171807	Microgobius		count	Actual				
171808	Microgobius gulosus		count	Actual				
171809	Microgobius thalassinus		count	Actual				
171811	Microgobius microlepis		count	Actual				
171818	Bathygobius curacao		count	Actual				
171878	Erotelis smaragdus		count	Actual				
172385	Trichiurus lepturus		count	Actual				
172436	Scomberomorus maculatus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
172568	Peprilus burti		count	Actual				
172570	Peprilus alepidotus		count	Actual				
172724	Citharichthys macrops		count	Actual				
172725	Citharichthys spilopterus		count	Actual				
172729	Etropus crossotus		count	Actual				
172736	Paralichthys albigutta		count	Actual				
172738	Paralichthys lethostigma		count	Actual				
172757	Ancylosetta quadrocellata		count	Actual				
172982	Trinectes maculatus		count	Actual				
172986	Achirus lineatus		count	Actual				
173061	Symphurus		count	Actual				
173062	Symphurus plagiusa		count	Actual				
173067	Symphurus parvus		count	Actual				
173131	Aluterus schoepfi		count	Actual				
173179	Monacanthus ciliatus		count	Actual				
173182	Monacanthus hispidus		count	Actual				
173239	Lactophrys triqueter		count	Actual				
173240	Lactophrys quadricornis		count	Actual				
173285	Lagocephalus laevigatus		count	Actual				
173297	Sphoeroides nephelus		count	Actual				
173299	Sphoeroides parvus		count	Actual				
173300	Sphoeroides spengleri		count	Actual				
173384	Chilomycterus schoepfi		count	Actual				
551570	Farfantepenaeus aztecus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
551574	Farfantepenaeus duorarum		count	Actual				
551666	Rimapenaeus similis		count	Actual				
551680	Litopenaeus setiferus		count	Actual				
5551662	Rimapenaeus constrictus		count	Actual				
79872	Crassostrea virginica		count	Actual				
80962	Rangia cuneata		count	Actual				
80963	Rangia flexuosa		count	Actual				
81496	Mercenaria mercenaria		count	Actual				
82373	Loligo plei		count	Actual				
82379	Lolliguncula brevis		count	Actual				
82703	Limulus polyphemus		count	Actual				
95602	Penaeidae		count	Actual				
95604	Farfantepenaeus		count	Actual				
95605	Penaeus aztecus		count	Actual				
95608	Penaeus duorarum		count	Actual				
95610	Penaeus setiferus		count	Actual				
95750	Xiphopenaeus kroyeri		count	Actual				
96030	Sicyonia dorsalis		count	Actual				
96221	Macrobrachium ohione		count	Actual				
96391	Palaemonetes vulgaris		count	Actual				
97648	Panulirus argus		count	Actual				
98453	Libinia		count	Actual				
98454	Libinia dubia		count	Actual				
98455	Libinia emarginata		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
98689	Portunidae		count	Actual				
98696	Callinectes sapidus		count	Actual				
98697	Callinectes similis		count	Actual				
98718	Portunus gibbesii		count	Actual				
98790	Rhithropanopeus harrisi		count	Actual				
98810	Menippe		count	Actual				
98812	Menippe adina		count	Actual				
99140	Stomatopoda		count	Actual				
99143	Squilla empusa		count	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FSPECNE9	Fish taxon: NCA-NE 2000-01	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N
Citations	C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p						
Description	Counts of fish abundance collected in one trawl for the National Coastal Assessment-Northeast (NE) 2000-01 program.						

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
ALOSAEST	Alosa aestivalis		count	Actual				
ALOSMEDI	Alosa mediocris		count	Actual				
ALOSPSEU	Alosa pseudoharengus		count	Actual				
ALOSSAPI	Alosa sapidissima		count	Actual				
AMBLRADI	Amblyraja radiata		count	Actual				
AMEICATU	Ameiurus catus		count	Actual				
AMEINEBU	Ameiurus nebulosus		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
ANCHHEPS	Anchoa hepsetus		count	Actual				
ANCHMITC	Anchoa mitchilli		count	Actual				
ANGUROST	Anguilla rostrata		count	Actual				
APELQUAD	Apeltes quadracus		count	Actual				
ARGESILU	Argentina silus		count	Actual				
ASTRGUTT	Astroscopus guttatus		count	Actual				
BAIRCHOU	Bairdiella chrysoura		count	Actual				
BREVTYRA	Brevoortia tyrannus		count	Actual				
CARABART	Caranx bartholomaei		count	Actual				
CATOCOMM	Catostomus commersoni		count	Actual				
CENTSTRI	Centropristis striata		count	Actual				
CHASBOSQ	Chasmodes bosquianus		count	Actual				
CLUPEI01	Clupeidae		count	Actual				
CLUPHARE	Clupea harengus		count	Actual				
CYNOREGA	Cynoscion regalis		count	Actual				
CYPRIN01	Cyprinus		count	Actual				
CYPRVARI	Cyprinodon variegatus		count	Actual				
DECAPUNC	Decapterus punctatus		count	Actual				
DOROCEPE	Dorosoma cepedianum		count	Actual				
ENCHCIMB	Enchelyopus cimbrius		count	Actual				
ENGRAU01	Engraulidae		count	Actual				
ETHEFUSI	Etheostoma fusiforme		count	Actual				
ETROMICR	Etropus microstomus		count	Actual				
FISTTABA	Fistularia tabacaria		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
FUNDDIAP	Fundulus diaphanus		count	Actual				
FUNDHETE	Fundulus heteroclitus		count	Actual				
GADUMORH	Gadus morhua		count	Actual				
GOBIBOSC	Gobiosoma bosc		count	Actual				
HEMIAMER	Hemirhamphus americanus		count	Actual				
HETEROMA	Heteromastus		count	Actual				
HIPPEREC	Hippocampus erectus		count	Actual				
HIPPPLAT	Hippoglossoides platessoides		count	Actual				
ICTAPUNC	Ictalurus punctatus		count	Actual				
LAGORHOM	Lagodon rhomboides		count	Actual				
LEIOXANT	Leiostomus xanthurus		count	Actual				
LEPOGIBB	Lepomis gibbosus		count	Actual				
LEPOPROF	Lepophidium profundorum		count	Actual				
LOPHAMER	Lophius americanus		count	Actual				
LUMPLUMP	Lumpenus lumpretaeformis		count	Actual				
MACRAMER	Macrozoarces americanus		count	Actual				
MENIMENI	Menidia menidia		count	Actual				
MENTSAXA	Menticirrhus saxatilis		count	Actual				
MERLBILI	Merluccius bilinearis		count	Actual				
MICRTOMC	Microgadus tomcod		count	Actual				
MICRUNDU	Micropogonias undulatus		count	Actual				
MONAHISP	Monacanthus hispidus		count	Actual				
MOROAMER	Morone americana		count	Actual				
MOROSAXA	Morone saxatilis		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
MUSTCANI	Mustelus canis		count	Actual				
MYOXAENA	Myoxocephalus aeneus		count	Actual				
MYOXOCTO	Myoxocephalus octodecemspinosus		count	Actual				
NOTECRYS	Notemigonus crysoleucas		count	Actual				
NOTRHUDES	Notropis hudsonius		count	Actual				
NOTROP01	Notropis		count	Actual				
OPHIMARG	Ophidion marginatum		count	Actual				
OPSATAU	Opsanus tau		count	Actual				
PARADENT	Paralichthys dentatus		count	Actual				
PARAOBLO	Paralichthys oblongus		count	Actual				
PEPRTRIA	Peprilus triacanthus		count	Actual				
PHOLGUNN	Pholis gunnellus		count	Actual				
PLEUAMER	Pleuronectes americanus		count	Actual				
PLEUFERR	Pleuronectes ferrugineus		count	Actual				
PLEUPUTN	Pleuronectes putnami		count	Actual				
POGOCROM	Pogonias cromis		count	Actual				
POLLVIRE	Pollachius virens		count	Actual				
POMASALT	Pomatomus saltatrix		count	Actual				
POMONIGR	Pomoxis nigromaculatus		count	Actual				
PRIACRUE	Priacanthus cruentatus		count	Actual				
PRIOCARO	Prionotus carolinus		count	Actual				
PRIOEVOL	Prionotus evolans		count	Actual				
PUNGPUNG	Pungitius pungitius		count	Actual				
RAJAEGLA	Raja eglanteria		count	Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
RAJAERIN	Raja erinacea		count	Actual				
RAJAOCEL	Raja ocellata		count	Actual				
RAJIDA01	Rajidae		count	Actual				
RHINBONA	Rhinoptera bonasus		count	Actual				
SCIAOCEL	Sciaenops ocellatus		count	Actual				
SCOPAQUO	Scophthalmus aquosus		count	Actual				
SEBAFASC	Sebastes fasciatus		count	Actual				
SELEOERS	Selene orstedii		count	Actual				
SELESETA	Selene setapinnis		count	Actual				
SELEVOME	Selene vomer		count	Actual				
SPARID01	Sparidae		count	Actual				
SPHOMACU	Sphoeroides maculatus		count	Actual				
SPHYBORE	Sphyaena borealis		count	Actual				
SQUAACAN	Squalus acanthias		count	Actual				
STENCHRY	Stenotomus chrysops		count	Actual				
SYNGFUSC	Syngnathus fuscus		count	Actual				
SYNGNA02	Syngnathidae		count	Actual				
SYNOFOET	Synodus foetens		count	Actual				
TAUTADSP	Tautogolabrus adspersus		count	Actual				
TAUTONIT	Tautoga onitis		count	Actual				
TRINMACU	Trinectes maculatus		count	Actual				
UROPHCHUS	Urophycis chuss		count	Actual				
UROPREGI	Urophycis regia		count	Actual				
UROPTENU	Urophycis tenuis		count	Actual				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP1CT	Water physical: NCA-CT	Field Msr/Obs	Water				N

Citations C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p

Description Sea-bird SBE-19 used in 2000-01 by Connecticut.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					CTD-NCA-CT	
PH	pH	None	Dissolved	Actual					CTD-NCA-CT	
SAL	Salinity	ppt	Dissolved	Actual					CTD-NCA-CT	
SECCHI	Transparency, tube with disk	m		Actual					SECCHI-NCA	
TEMP	Temperature, water	deg C		Actual					CTD-NCA-CT	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP1EW	Hydrolab cast: CA/OR 1999-2000	Sample	Water				N

Citations Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p

Description Hydrolab hand-held cast with probes used by California and Oregon for EMAP-West Coastal Monitoring in 1999-2000.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	S/m	Dissolved	Actual						
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					HYDROLAB CAST	
	Acceptable Range	0.00000 - 20.00000 mg/l								
PARAMB	Light Photosynthetic Active Radiation (PAR)	umol/m2/s	Dissolved	Actual					LIGHT METER PAR	
PARUW	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s	Dissolved	Actual					HYDROLAB CAST	
PH	pH	None	Dissolved	Actual					HYDROLAB	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 14.00000	None						CAST	
SAL	Salinity	PSS	Dissolved	Actual					HYDROLAB CAST	
	Acceptable Range	0.00000 - 38.00000	PSS							
TEMP	Temperature, water	deg C		Actual					HYDROLAB CAST	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP1GU	Water physical: NCA-Gulf 2000	Field Msr/Obs	Water				N

Citations U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p

Description Vertical profile conducted with Hydrolab (?) by states in the Gulf region: Alabama, Texas, Florida, Mississippi and Louisiana.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					CTD-NCA-CT	
	Acceptable Range	0.00000 - 21.50000	mg/l							
PAR_D	Light Photosynthetic Active Radiation At Depth (PAR)	uE/m2/sec	Total	Actual					HYDRO-NCA	
	Acceptable Range	0.00000 - 2,100.00000	uE/m2/sec							
PAR_S	Light Photosynthetic Active Radiation (PAR)	uE/m2/sec	Total	Actual					HYDRO-NCA	
	Acceptable Range	0.00000 - 2,100.00000	uE/m2/sec							
PH	pH	None	Total	Actual					HYDRO-NCA	
	Acceptable Range	0.00000 - 9.00000	None							
SAL	Salinity	ppt	Total	Actual					CTD-NCA-CT	
	Acceptable Range	0.00000 - 53.50000	ppt							
SECCHI	Transparency, tube with disk	m		Actual					SECCHI-NCA	
	Acceptable Range	0.00000 - 4.50000	m							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TEMP	Temperature, water	deg C		Actual					CTD-NCA-CT	
	Acceptable Range	2.00000 - 34.50000 deg C								
TRANS	Light Transmissivity	%	Total	Actual						
	Acceptable Range	0.00000 - 120.00000 %								
TRANS_1	Light Transmissivity	%	Total	Actual						
	Acceptable Range	0.00000 - 75.00000 %								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP1NE	Water physical: NCA-NE 2000-01	Field Msr/Obs	Water				N
	Citations	C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p					
	Description	Hydrolab DataSonde 3 multi-probe data logging units were used for all measurements except Secchi measurements in 2000-01 used by states in the Northeast region other than New York, New Jersey and Connecticut.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					HYDRO-NCA	
PH	pH	None	Dissolved	Actual					HYDRO-NCA	
SAL	Salinity	ppt	Dissolved	Actual					HYDRO-NCA	
SECCHI	Transparency, tube with disk	m		Actual					SECCHI-NCA	
TEMP	Temperature, water	deg C		Actual					HYDRO-NCA	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP1NY	Water physical: NCA-NY/NH	Field Msr/Obs	Water				N
	Citations	C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p					
	Description	YSI model 6600_M used by NH and NY-NCA in 2000-01 or Seabird model 25 used by NCA-NY in 2000-01.					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					YSI-NCA	
PH	pH	None	Dissolved	Actual					YSI-NCA	
SAL	Salinity	ppt	Dissolved	Actual					YSI-NCA	
SECCHI	Transparency, tube with disk	m		Actual					SECCHI-NCA	
TEMP	Temperature, water	deg C		Actual					YSI-NCA	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP1WA	CTD Seabird cast: WA 1999-2000	Sample	Water				N

Citations Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p

Description CTD hand-held cast used by state of Washington.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					SEABIRD CAST	
	Acceptable Range	0.00000 - 20.00000 mg/l								
DO_SAT	Dissolved oxygen saturation	%	Dissolved	Actual					SEABIRD CAST	
PARUW	Light Photosynthetic Active Radiation At Depth (PAR)	umol/m2/s	Dissolved	Actual					LI-193SA	
PH	pH	None	Dissolved	Actual					SEABIRD CAST	
	Acceptable Range	0.00000 - 14.00000 None								
SAL	Salinity	PSS	Dissolved	Actual					SEABIRD CAST	
	Acceptable Range	0.00000 - 38.00000 PSS								
SP_COND	Specific conductance	mS/cm	Dissolved	Actual					SEABIRD CAST	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TEMP	Temperature, water	deg C		Actual					SEABIRD CAST	
	Acceptable Range	0.00000 - 40.00000 deg C								
TRANS	Light Transmissivity	%	Dissolved	Actual					SEABIRD CAST	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP2CA	Nutrients:EMAP-West CA 99-00	Sample	Water				N
Citations	Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p						
Description	Nutrient concentrations measured in water samples collected in California during EMAP-West 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Filterable	Calculated					FLUORO	90%ACEX
NH4-N	Nitrogen, ammonium (NH4) as NH4	ug/l	Total	Actual					S/M72:WA	TAAII
NH4-N(2)	Nitrogen, ammonium (NH4) as NH4	ug/l	Total	Actual					AKRFA300	NR
NO2-N	Nitrogen, Nitrite (NO2) as NO2	ug/l	Total	Actual					ARM67N:WA	TAAII
NO2-N(2)	Nitrogen, Nitrite (NO2) as NO2	ug/l	Total	Actual					AKRFA300	NR
NO3+NO2-N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	ug/l	Total	Actual					AKRFA300	NR
NO3-N	Nitrogen, Nitrate (NO3) as NO3	ug/l	Total	Calculated					ARM67N:WA	TAAII
NO3-N(2)	Nitrogen, Nitrate (NO3) as NO3	ug/l	Total	Calculated					AKRFA300	NR
PHAE	Pheophytin-a	ug/l	Filterable	Calculated					FLUORO	90%ACEX
PO4-P	Phosphorus, orthophosphate as PO4	ug/l	Total	Actual					B/W67:WA	TAAII
PO4-P(2)	Phosphorus, orthophosphate as	ug/l	Total	Actual					AKRFA300	NR

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	PO4									
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Calculated					EPA-160.2	NR
TSS(2)	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Calculated					MBH54AR	NR

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP2EW	Nutrients:EMAP-West WA 99-00	Sample	Water				N
Citations	Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p						
Description	Nutrient concentrations measured in water samples collected in Washington during EMAP-West 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Filterable	Calculated					FLUORO	90%ACEX
CHLA_C	Chlorophyll a, corrected for pheophytin	ug/l	Filterable	Calculated					CHLA-NCA	
NH3-N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
NH4-N	Nitrogen, ammonium (NH4) as NH4	mg/l	Total	Actual					S/M72:WA	TAAII
NO2+NO3-N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
NO2-N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					ARM67N:WA	TAAII
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					ARM67N:WA	TAAII
PHAE	Pheophytin-a	ug/l	Filterable	Calculated					FLUORO	90%ACEX
PHOS	Phosphate	mg/l	Total	Actual						
PO4-P	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					B/W67:WA	TAAII
SI	Silica	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SIOH4-S	Silicate	ug/l	Total	Actual					ARM67:WA	TAAII
SUBPAR	Chlorophyll a (probe relative fluorescence)	uE/m2/sec	Total	Actual						
TERPAR	Chlorophyll a (probe relative fluorescence)	umol/m2/s	Total	Actual						
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Calculated					EPA-160.2	EPA 160.2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP2GU	Nutrients: NCA-Gulf 2000	Sample	Water				N

Citations U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p

Description Nutrient concentrations measured in water samples collected during EMAP's National Coastal Assessment-Gulf 2000.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Filterable	Calculated					EPA 445.0M	90%ACEX
	Acceptable Range	0.00000 - 80.00000 ug/l								
DON	Nitrogen, organic	mg/l	Dissolved	Calculated						
	Acceptable Range	0.00000 - 0.50000 mg/l								
DOP	Phosphorus, organic as P	mg/l	Dissolved	Calculated						
	Acceptable Range	0.00000 - 0.10000 mg/l								
NH4_N	Nitrogen, ammonium (NH4) as NH4	mg/l	Total	Calculated					EPA-349.0	TAAII
	Acceptable Range	0.00000 - 0.50000 mg/l								
NO2_N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Calculated					EPA-300.0	TAAII
	Acceptable Range	0.00000 - 0.50000 mg/l								
NO2_NO3_N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Calculated					EPA-353.3	
	Acceptable Range	0.00000 - 5.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO3_N	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l 0.00000 - 5.00000 mg/l	Total	Calculated					EPA-300.0	TAAII
PO4_P	Phosphorus, orthophosphate as PO4 Acceptable Range	mg/l 0.00000 - 1.50000 mg/l	Total	Calculated					EPA-365.5	TAAII
SIO4_SI	Silicate Acceptable Range	mg/l 0.00000 - 2.50000 mg/l	Total	Calculated					EPA-366	TAAII
TSS	Solids, Total Suspended (TSS) Acceptable Range	mg/l 0.00000 - 300.00000 mg/l	Non-filterable	Calculated					EPA-160.2	EPA 160.2

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP2NE	Nutrients: NCA-NE 2000-01	Sample	Water				N
Citations	C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p						
Description	Nutrient concentrations measured in water samples collected during EMAP's National Coastal Assessment-Northeast 2000-01.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Non-filterable	Calculated					CHLA-NCA	CHLA-NCA
NH4	Nitrogen, ammonia as N	mg/l	Dissolved	Calculated					NUTRNT-NCA	NUT-NCA
NO2	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Calculated					NUTRNT-NCA	NUT-NCA
NO23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Calculated					NUTRNT-NCA	NUT-NCA
PO4F	Phosphorus, orthophosphate as P	mg/l	Dissolved	Calculated					NUTRNT-NCA	NUT-NCA
SI	Silica	mg/l	Dissolved	Calculated					NUTRNT-NCA	NUT-NCA
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Calculated					TSS-NCA	TSS-NCA

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP2OR	Nutrients:EMAP-West OR 99-00	Sample	Water				N
Citations	Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p						
Description	Nutrient concentrations measured in water samples collected in Oregon during EMAP-West 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Filterable	Calculated					EPA-445.0	NR
NH4-N	Nitrogen, ammonium (NH4) as NH4	ug/l	Total	Actual					EPA-350.1	NR
NO3+NO2-N	Nitrogen, Nitrate (NO3) as NO3	ug/l	Total	Actual					ARM67N:WA	NR
PHAE	Pheophytin-a	ug/l	Filterable	Calculated					EPA-445.0	NR
PO4-P	Phosphorus, orthophosphate as PO4	ug/l	Total	Actual					EPA-365.2	NR
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Calculated					EPA-160.2	NR

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP3EW	Sed. toxicity test: EMAP-West	Sample	Sediment				N
Citations	Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p						
Description	Results of sediment toxicity tests conducted with sediment collected in EMAP-West 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MN_RES_AA	Toxicity, sediment, Ampelisca abdita, survival	%	Total	Calculated					ASTM1993	
MN_RES_EE	Toxicity, sediment, Eohaustorius estuarius, survival	%	Total	Calculated					ASTM1993	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP3GU	Sed. toxicity test: NCA-Gulf	Sample	Sediment				N

Citations U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p

Description Results of toxicity tests conducted with sediment collected in National Coastal Assessment-Gulf 2000.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
SRVPCCON	Toxicity, sediment, Ampelisca abdita, survival	%	Settleable	Calculated	Mean				ASTM E-1367-90	TOX-NCA	
	Acceptable Range	0.00000 - 110.00000 %									
SRVPC_SG	Toxicity, sediment, Ampelisca abdita, significant										

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP3NE	Sed. toxicity test:NCA-NE00-01	Sample	Sediment				N

Citations U.S. EPA, 1995, EMAP: Laboratory Methods Manual-Estuaries, Volume 1: Biological and Physical Analyses, Environmental Protection Agency, Office of Research and Development, Narragansett, RI, 128 p

Description Results of toxicity tests conducted with sediment collected in National Coastal Assessment-Northeast 2000-01.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SRVPCCON	Toxicity, sediment, Ampelisca abdita, survival	%	Settleable	Calculated	Mean				TOX_TEST-NCA	TOX-NCA
SRVPC_SG	Toxicity, sediment, Ampelisca abdita, significant									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP4CA	Tissue chemistry: CA	Sample	Biological	Tissue			N

Citations U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p

Description Results of organic and inorganic analyses conducted with tissue from fish and invertebrates collected in California during EMAP-West 1999.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Actual		Wet			GFAA	EPA3051
AL	Aluminum	ug/g	Total	Actual		Wet			ICPMS	EPA3051
ALDRIN	Aldrin	ng/g	Total	Calculated		Wet			GCMS	MASE
ALPHACHL	Chlordane, cis	ng/g	Total	Calculated		Wet			GCMS	MASE
AS	Arsenic	ug/g	Total	Actual		Wet			ICPMS	EPA3051
CD	Cadmium	ug/g	Total	Actual		Wet			ICPMS	EPA3051
CR	Chromium	ug/g	Total	Actual		Wet			ICPMS	EPA3051
CU	Copper	ug/g	Total	Actual		Wet			ICPMS	EPA3051
DIELDRIN	Dieldrin	ng/g	Total	Calculated		Wet			GCMS	MASE
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Calculated		Wet			GCMS	MASE
ENDOSUII	Endosulfan, beta-	ng/g	Total	Calculated		Wet			GCMS	MASE
ENDRIN	Endrin	ng/g	Total	Calculated		Dry			GCMS	MASE
ENDSUSFT	Endosulfan Sulfate	ng/g	Total	Calculated		Wet			GCMS	MASE
FE	Iron	ug/g	Total	Actual		Wet			FAA	EPA3051
HEPTACHL	Heptachlor	ng/g	Total	Calculated		Wet			GCMS	MASE
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Calculated		Wet			GCMS	MASE
HEXACHL	Hexachlorobenzene	ng/g	Total	Actual		Wet			GCMS	MASE
HG	Mercury	ug/g	Total	Actual		Wet			FIMS	EPA3051
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Calculated		Wet			GCMS	MASE
MIREX	Mirex	ng/g	Total	Calculated		Wet			GCMS	MASE
MN	Manganese	ug/g	Total	Actual		Wet			ICPMS	EPA3051
NI	Nickel	ug/g	Total	Actual		Wet			ICPMS	EPA3051
OPDDD	DDD, o,p'-	ng/g	Total	Calculated		Wet			GCMS	MASE
OPDDE	DDE, o,p'-	ng/g	Total	Calculated		Wet			GCMS	MASE
OPDDT	DDT,o,p'-	ng/g	Total	Calculated		Wet			GCMS	MASE
PB	Lead	ug/g	Total	Actual		Wet			ICPMS	EPA3051
PCB101	Pcb-101	ng/g	Total	Calculated		Wet			GCMS	MASE

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB105	Pcb-105	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB110	Pcb-110	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB118	Pcb-118	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB126	Pcb-126	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB128	Pcb-128	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB138	Pcb-138	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB153	Pcb-153	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB170	Pcb-170	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB18	PCB-018	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB180	Pcb-180	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB187	Pcb-187	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB195	Pcb-195	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB206	Pcb-206	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB209	Pcb-209	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB28	PCB-028	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB44	PCB-044	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB52	PCB-052	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB66	PCB-066	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB77	PCB- 077	ng/g	Total	Calculated		Wet			GCMS	MASE
PCB8	PCB-008	ng/g	Total	Calculated		Wet			GCMS	MASE
PPDDD	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Calculated		Wet			GCMS	MASE
PPDDE	DDE ***retired*** (use DDE, p,p')	ng/g	Total	Calculated		Wet			GCMS	MASE
PPDDT	DDT ***retired*** (use DDT, p,p')	ng/g	Total	Calculated		Wet			GCMS	MASE
SE	Selenium	ug/g	Total	Actual		Wet			HAA	MGNO3
SN	Tin	ug/g	Total	Actual		Wet			ICPMS	EPA3051

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TNONCHL	Nonachlor, trans-	ng/g	Total	Calculated		Wet			GCMS	MASE
TOXAPHEN	Toxaphene	ng/g	Total	Calculated		Wet			GCMS	MASE
ZN	Zinc	ug/g	Total	Actual		Wet			ICPMS	EPA3051

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP4NE	Tissue chemistry:NCA-NE2000	Sample	Biological	Tissue			N

Citations U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p

Description Results of organic and inorganic analyses conducted with tissue from fish collected in National Coastal Assessment-Northeast 2000-01.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ABHC	Hexachlorocyclohexane	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
ACENTHE	Acenaphthene	ng/g	Total	Calculated		Wet				
ACENTHY	Acenaphthylene	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
AG	Silver	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
AL	Aluminum	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
ALDRIN	Aldrin	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
ANTHRA	Anthracene	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
AS	Arsenic	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HNO3/HCL
BBHC	Hexachlorocyclohexane	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
BENANTH	Benzo[a]anthracene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
BENAPY	Benzo[a]pyrene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
BENEPY	Benzo(e)pyrene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
BENZOBFL	Benzo[b]fluoranthene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
BENZOKFL	Benzo[k]fluoranthene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
BENZOP	Benzo[g,h,i]perylene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BIPHENYL	Biphenyl	ng/g	Total	Calculated		Wet				
CD	Cadmium	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HNO3/HCL
CHRYSENE	Chrysene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
CHRYSENE2	Chrysenes C1-C4	ng/g	Total	Calculated		Wet			GCMS	ORG-NCA
CISCHL	Chlordane, cis	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
CISNONA	Nonachlor, cis-	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
CR	Chromium	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
CU	Copper	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
DBHC	Hexachlorocyclohexane	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
DIBENTP	Dibenzothiophene	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Calculated		Wet				
DIELDRIN	Dieldrin	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
ENDOSUII	Endosulfan, beta-	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
ENDOSULF	Endosulfan	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
ENDRIN	Endrin	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
ENDRINA	Endrin Aldehyde	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
ENDRINK	Endrin ketone	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
FE	Iron	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
FLUORANT	Fluoranthene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
FLUORANT2	Fluoranthenes, C1-C4	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
FLUORENE	Fluorene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
FLUORENE2	Fuorenes, C1-C3	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
GBHC	Hexachlorocyclohexane	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
HEPTACHL	Heptachlor	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HEXACHL	Hexachlorobenzene	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
HG	Mercury	ug/g	Total	Calculated		Wet			CVAA-NCA	HG-NCA
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
METH	Methoxychlor	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
MIREX	Mirex	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
MN	Manganese	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
NAPH	Naphthalene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	
NI	Nickel	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
OPDDD	DDD, o,p'-	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
OPDDE	DDE, o,p'-	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
OPDDT	DDT, o,p'-	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
OXYCHL	Oxychlordan	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PB	Lead	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3
PCB101	Pcb-101	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB105	Pcb-105	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB118	Pcb-118	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB126	Pcb-126	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB128	Pcb-128	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB138	Pcb-138	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB153	Pcb-153	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB170	Pcb-170	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB18	PCB-018	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB180	Pcb-180	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB187	Pcb-187	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB195	Pcb-195	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB206	Pcb-206	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB209	Pcb-209	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB28	PCB-028	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB44	PCB-044	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB52	PCB-052	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB66	PCB-066	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB77	PCB- 077	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PCB8	PCB-008	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PHENANTH	Phenanthrene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
PPDDD	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PPDDE	DDE ***retired*** (use DDE, p,p')	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PPDDT	DDT ***retired*** (use DDT, p,p')	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
PYRENE	Pyrene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
SB	Antimony	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HNO3/HCL
SE	Selenium	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HNO3/HCL
SN	Tin	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HNO3/HCL
TNONCHL	Nonachlor, trans-	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
TOXAPHEN	Toxaphene	ng/g	Total	Calculated		Wet			GC/ECD(NCA)	ORG-NCA
TRIMETH	Trimethylnaphthalene	ng/g	Total	Calculated		Wet			GC/MS(NCA)	ORG-NCA
ZN	Zinc	ug/g	Total	Calculated		Wet			ICP-AES(NCA)	HF/HNO3

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP4OR	Tissue chemistry: OR	Sample	Biological	Tissue			N

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Citations U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p
Description Results of organic and inorganic analyses conducted with tissue from fish and invertebrates collected in Oregon during EMAP-West 1999.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Calculated		Wet			GFAA	EPA3051
AL	Aluminum	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
ALDRIN	Aldrin	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
ALPHACHL	Chlordane, cis	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
AS	Arsenic	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
CD	Cadmium	ug/g	Total	Calculated		Wet			GFAA	EPA3051
CR	Chromium	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
CU	Copper	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
DIELDRIN	Dieldrin	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
ENDOSUII	Endosulfan, beta-	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
ENDRIN	Endrin	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
ENDSUSFT	Endosulfan Sulfate	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
FE	Iron	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
HEPTACHL	Heptachlor	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
HEXACHL	Hexachlorobenzene	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
HG	Mercury	ug/g	Total	Calculated		Wet			CVAA	V-EPA245.5
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
MIREX	Mirex	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
NI	Nickel	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
OPDDD	DDD, o,p'-	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
OPDDE	DDE, o,p'-	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
OPDDT	DDT, o,p'-	ng/g	Total	Calculated		Wet			GCECD	SOXHLET

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PB	Lead	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
PCB101	Pcb-101	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB105	Pcb-105	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB110	Pcb-110	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB110/7	PCB-077/110	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB118	Pcb-118	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB126	Pcb-126	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB128	Pcb-128	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB138	Pcb-138	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB153	Pcb-153	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB170	Pcb-170	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB18	PCB-018	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB180	Pcb-180	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB187	Pcb-187	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB195	Pcb-195	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB206	Pcb-206	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB209	Pcb-209	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB28	PCB-028	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB44	PCB-044	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB52	PCB-052	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB66	PCB-066	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB77	PCB- 077	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PCB8	PCB-008	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PPDDD	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PPDDE	DDE ***retired*** (use DDE, p,p'-)	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
PPDDT	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Calculated		Wet			GCECD	SOXHLET

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
)									
SE	Selenium	ug/g	Total	Calculated		Wet			HAA	EPA3051
SN	Tin	ug/g	Total	Calculated		Wet			ICPAES	EPA3051
TNONCHL	Nonachlor, trans-	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
TOXAPHEN	Toxaphene	ng/g	Total	Calculated		Wet			GCECD	SOXHLET
ZN	Zinc	ug/g	Total	Calculated		Wet			ICPAES	EPA3051

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP4WA	Tissue chemistry: WA	Sample	Biological	Tissue			N

Description Results of organic and inorganic analyses conducted with tissue from fish and invertebrates collected in Washington during EMAP-West 1999.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Calculated		Wet			EPA200.8	EPA3051
AL	Aluminum	ug/g	Total	Calculated		Wet			EPA200.7	EPA3052/3050B
ALDRIN	Aldrin	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
ALPHACHL	Chlordane, cis	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
AS	Arsenic	ug/g	Total	Calculated		Wet			SW7060	EPA3051
CD	Cadmium	ug/g	Total	Calculated		Wet			EPA200.8	EPA3051
CR	Chromium	ug/g	Total	Calculated		Wet			EPA200.8	EPA3051
CU	Copper	ug/g	Total	Calculated		Wet			EPA200.8	EPA3051
DIELDRIN	Dieldrin	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
ENDOSUII	Endosulfan, beta-	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
ENDRIN	Endrin	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
ENDSUSFT	Endosulfan Sulfate	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
FE	Iron	ug/g	Total	Calculated		Wet			EPA200.7	EPA3051

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HEPTACHL	Heptachlor	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
HEXACHL	Hexachlorobenzene	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
HG	Mercury	ug/g	Total	Calculated		Wet			EPA245.5	EPA245.5
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
MIREX	Mirex	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
NI	Nickel	ug/g	Total	Calculated		Wet			SW6010	EPA3051
OPDDD	DDD, o,p'-	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
OPDDE	DDE, o,p'-	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
OPDDT	DDT,o,p'-	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PB	Lead	ug/g	Total	Calculated		Wet			EPA200.8	EPA3051
PCB101	Pcb-101	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB105	Pcb-105	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB110	Pcb-110	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB118	Pcb-118	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB126	Pcb-126	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB128	Pcb-128	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB138	Pcb-138	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB153	Pcb-153	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB170	Pcb-170	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB18	PCB-018	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB180	Pcb-180	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB187	Pcb-187	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB195	Pcb-195	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB206	Pcb-206	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB209	Pcb-209	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB28	PCB-028	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB44	PCB-044	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB52	PCB-052	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB66	PCB-066	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB77	PCB- 077	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PCB8	PCB-008	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PPDDD	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PPDDE	DDE ***retired*** (use DDE, p,p')	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
PPDDT	DDT ***retired*** (use DDT, p,p')	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
SE	Selenium	ug/g	Total	Calculated		Wet			SW7740	EPA3051
SN	Tin	ug/g	Total	Calculated		Wet			EPA200.8	EPA3051
TNONCHL	Nonachlor, trans-	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
TOXAPHEN	Toxaphene	ng/g	Total	Calculated		Wet			SW80818082	SOXHLET
ZN	Zinc	ug/g	Total	Calculated		Wet			EPA200.8	EPA3051

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6CA	Sed Chem-inorganic: CA	Sample	Sediment				N

Citations U.S. EPA, 1995, EMAP: Laboratory Methods Manual-Estuarines, Volume 1: Biological and Physical Analyses, Environmental Protection Agency, Office of Research and Development, Narragansett, RI, 128 p

Description Results of inorganic analyses conducted with sediment collected in California during EMAP-West 1999.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ppm	Total	Actual					GFAA	EPA3051
AL	Aluminum	ppm	Total	Actual					ICPMS	EPA3051
AS	Arsenic	ppm	Total	Actual					ICPMS	EPA3051

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CD	Cadmium	ppm	Total	Actual					ICPMS	EPA3051
CR	Chromium	ppm	Total	Actual					ICPMS	EPA3051
CU	Copper	ppm	Total	Actual					ICPMS	EPA3051
FE	Iron	ppm	Total	Actual					FAA	EPA3051
HG	Mercury	ppm	Total	Actual					FIMS	EPA3051
MN	Manganese	ppm	Total	Actual					ICPMS	EPA3051
NI	Nickel	ppm	Total	Actual					ICPMS	EPA3051
PB	Lead	ppm	Total	Actual					ICPMS	EPA3051
SB	Antimony	ppm	Total	Actual					ICPMS	EPA3051
SE	Selenium	ppm	Total	Actual					HAA	MGNO3
SN	Tin	ppm	Total	Actual					ICPMS	EPA3051
ZN	Zinc	ppm	Total	Actual					ICPMS	EPA3051

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6G1	Schem-inorg:NCA-Gulf AL/FL/TX	Sample	Sediment				N
Citations	U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p						
Description	Results of inorganic analyses conducted with sediment collected in Alabama, Texas and Florida during National Coastal Assessment-Gulf 2000.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Calculated					GFAA-HF	MET-NCA
AL	Aluminum	ug/g	Total	Calculated					FAAS: NCA-GULF	MET-NCA
AS	Arsenic	ug/g	Total	Calculated					GFAA-HF	MET-NCA
CD	Cadmium	ug/g	Total	Calculated					GFAA-HF	MET-NCA
CR	Chromium	ug/g	Total	Calculated					FAAS: NCA-GULF	MET-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CU	Copper	ug/g	Total	Calculated					GFAA-HF	MET-NCA
FE	Iron	ug/g	Total	Calculated					FAAS: NCA-GULF	MET-NCA
HG	Mercury	ug/g	Total	Calculated					CVAA-NCA	MET-NCA
MN	Manganese	ug/g	Total	Calculated					FAAS: NCA-GULF	MET-NCA
NI	Nickel	ug/g	Total	Calculated					GFAA-HF	MET-NCA
PB	Lead	ug/g	Total	Calculated					GFAA-HF	MET-NCA
SB	Antimony	ug/g	Total	Calculated					GFAA-HF	MET-NCA
SE	Selenium	ug/g	Total	Calculated					GFAA-HF	MET-NCA
SN	Tin	ug/g	Total	Calculated					GFAA-HF	MET-NCA
ZN	Zinc	ug/g	Total	Calculated					FAAS: NCA-GULF	MET-NCA

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6G2	Sed chem-inorganic:NCA-Gulf MS	Sample	Sediment				N
Citations	U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p						
Description	Results of inorganic analyses conducted with sediment collected in Mississippi during National Coastal Assessment-Gulf 2000.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
AL	Aluminum	mg/l	Total	Calculated					ICP-ES-HNO3	
AS	Arsenic	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
CD	Cadmium	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
CR	Chromium	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CU	Copper	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
HG	Mercury	ug/g	Total	Calculated					CVAA-NCA	MET-NCA
MN	Manganese	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
NI	Nickel	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
PB	Lead	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
SB	Antimony	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
SE	Selenium	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
SN	Tin	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA
ZN	Zinc	ug/g	Total	Calculated					ICP-ES-HNO3	MET-NCA

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6G3	Sed Chem-inorganic:NCA-Gulf LA	Sample	Sediment				N
Citations		U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p					
Description		Results of inorganic analyses conducted with sediment collected in Louisiana during National Coastal Assessment-Gulf 2000.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
AS	Arsenic	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
CD	Cadmium	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
CR	Chromium	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
CU	Copper	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
HG	Mercury	ug/g	Total	Calculated					CVAA-NCA	MET-NCA
MN	Manganese	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
NI	Nickel	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
PB	Lead	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SB	Antimony	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
SE	Selenium	ug/g	Total	Calculated					ICP-ES-HG	MET-NCA
SN	Tin	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA
ZN	Zinc	ug/g	Total	Calculated					ICP-MS-HF	MET-NCA

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6NE	Sed Chem-inorganic:NCA-NE2000	Sample	Sediment				N

Citations C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p

Description Results of inorganic analyses conducted with sediment collected in National Coastal Assessment-Northeast 2000-01.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Calculated					GFAA-NCA	HF/HNO3
AL	Aluminum	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3
AS	Arsenic	ug/g	Total	Calculated					GFAA-NCA	HNO3/HCL
CD	Cadmium	ug/g	Total	Calculated					GFAA-NCA	HNO3/HCL
CR	Chromium	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3
CU	Copper	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3
FE	Iron	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3
HG	Mercury	ug/g	Total	Calculated					CVAA-NCA	HG-NCA
MN	Manganese	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3
NI	Nickel	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3
PB	Lead	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3
SB	Antimony	ug/g	Total	Calculated					GFAA-NCA	HNO3/HCL
SE	Selenium	ug/g	Total	Calculated					HGAF-NCA	HNO3/HCL
SN	Tin	ug/g	Total	Calculated					GFAA-NCA	HNO3/HCL

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ZN	Zinc	ug/g	Total	Calculated					ICP-AES(NCA)	HF/HNO3

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6OR	Sed Chem-inorganic: OR	Sample	Sediment				N
Citations	Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p						
Description	Results of inorganic analyses conducted with sediment collected in Oregon during EMAP-West 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ppm	Total	Calculated					GFAA	EPA3052
AL	Aluminum	ppm	Total	Calculated					ICPAES	EPA3052
AS	Arsenic	ppm	Total	Calculated					ICPAES	EPA3052
CD	Cadmium	ppm	Total	Calculated					GFAA	EPA3052
CR	Chromium	ppm	Total	Calculated					ICPAES	EPA3052
CU	Copper	ppm	Total	Calculated					ICPAES	EPA3052
FE	Iron	ppm	Total	Calculated					ICPAES	EPA3052
HG	Mercury	ppm	Total	Calculated					CVAA	V-EPA245.5
MN	Manganese	ppm	Total	Calculated					ICPAES	EPA3052
NI	Nickel	ppm	Total	Calculated					ICPAES	EPA3052
PB	Lead	ppm	Total	Calculated					ICPAES	EPA3052
SB	Antimony	ppm	Total	Calculated					GFAA	EPA3052
SE	Selenium	ppm	Total	Calculated					HAA	EPA3052
SN	Tin	ppm	Total	Calculated					ICPAES	EPA3052
ZN	Zinc	ppm	Total	Calculated					ICPAES	EPA3052

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6V3	Sed Chem-Inorganic VA93	Sample	Sediment				N

Description Results of inorganic analyses conducted with sediment collected in EMAP's Virginian Province 1993.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Actual					GFAA-VP	HF/HNO3
AL	Aluminum	ug/g	Total	Actual					ICP-AES(VP)	HF/HNO3
AS	Arsenic	ug/g	Total	Actual					GFAA-VP	HNO3/HCL
CD	Cadmium	ug/g	Total	Actual					GFAA-VP	HNO3/HCL
CR	Chromium	ug/g	Total	Actual					ICP-AES(VP)	HF/HNO3
CU	Copper	ug/g	Total	Actual					ICP-AES(VP)	HF/HNO3
DBT	Dibutyltin	ng/g	Total	Actual					HRGC/FP	
FE	Iron	ug/g	Total	Actual					ICP-AES(VP)	HF/HNO3
HG	Mercury	ug/g	Total	Actual					CVAA-VP	
MBT	Monobutyltin	ng/g	Total	Actual					HRGC/FP	
MN	Manganese	ug/g	Total	Actual					ICP-AES(VP)	HF/HNO3
NI	Nickel	ug/g	Total	Actual					ICP-AES(VP)	HF/HNO3
PB	Lead	ug/g	Total	Actual					ICP-AES(VP)	HF/HNO3
SB	Antimony	ug/g	Total	Actual					GFAA-VP	HNO3/HCL
SE	Selenium	ug/g	Total	Actual					GFAA-VP	HNO3/HCL
SN	Tin	ug/g	Total	Actual					GFAA-VP	HNO3/HCL
TBT	Tributyltin	ng/g	Total	Actual					HRGC/FP	
ZN	Zinc	ug/g	Total	Actual					ICP-AES(VP)	SE(VP)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP6WA	Sed Chem-inorganic: WA	Sample	Sediment				N

Citations Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p

Description Results of inorganic analyses conducted with sediment collected in Washington during EMAP-West 1999.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Calculated					EPA200.8	EPA3052/3050B
AL	Aluminum	ug/g	Total	Calculated					SW6010	EPA3052/3050B
AS	Arsenic	ug/g	Total	Calculated					EPA206.2	EPA3052/3050B
CD	Cadmium	ug/g	Total	Calculated					EPA200.8	EPA3052/3050B
CR	Chromium	ug/g	Total	Calculated					SW6010	EPA3052/3050B
CU	Copper	ug/g	Total	Calculated					SW6010	EPA3052/3050B
FE	Iron	ug/g	Total	Calculated					SW6010	EPA3052/3050B
HG	Mercury	ug/g	Total	Calculated					EPA245.5	EPA245.5
MN	Manganese	ug/g	Total	Calculated					SW6010	EPA3052/3050B
NI	Nickel	ug/g	Total	Calculated					SW6010	EPA3052/3050B
PB	Lead	ug/g	Total	Calculated					EPA200.8	EPA3052/3050B
SB	Antimony	ug/g	Total	Calculated					SW6010	EPA3052/3050B
SE	Selenium	ug/g	Total	Calculated					EPA270.2	EPA3052/3050B
SN	Tin	ug/g	Total	Calculated					EPA200.8	EPA3052/3050B
ZN	Zinc	ug/g	Total	Calculated					SW6010	EPA3052/3050B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP7CA	Sed Chem-organic: CA	Sample	Sediment				N

Citations Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p

Description Results of organic analyses conducted with sediment collected in California during EMAP-West 1999.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
6CLBNZ	Hexachlorobenzene	ng/g	Total	Calculated		Dry			GCMS	MASE
ACENTHE	Acenaphthene	ng/g	Total	Calculated		Dry			GCMS	MASE
ACENTHY	Acenaphthylene	ng/g	Total	Calculated		Dry			GCMS	MASE

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALDRIN	Aldrin	ng/g	Total	Calculated		Dry			GCMS	MASE
ALPHACHL	Chlordane, cis	ng/g	Total	Calculated		Dry			GCMS	MASE
ANTHRA	Anthracene	ng/g	Total	Calculated		Dry			GCMS	MASE
BENANTH	Benzo[a]anthracene	ng/g	Total	Calculated		Dry			GCMS	MASE
BENAPY	Benzo[a]pyrene	ng/g	Total	Calculated		Dry			GCMS	MASE
BENZOBFL	Benzo[b]fluoranthene	ng/g	Total	Calculated		Dry			GCMS	MASE
BENZOKFL	Benzo[k]fluoranthene	ng/g	Total	Calculated		Dry			GCMS	MASE
BENZOP	Benzo[g,h,i]perylene	ng/g	Total	Calculated		Dry			GCMS	MASE
BIPHENYL	Biphenyl	ng/g	Total	Calculated		Dry			GCMS	MASE
CHRYSENE	Chrysene	ng/g	Total	Calculated		Dry			GCMS	MASE
DDD_24	DDD, o,p'-	ng/g	Total	Calculated		Dry			GCMS	MASE
DDD_44	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Calculated		Dry			GCMS	MASE
DDE_24	DDE, o,p'-	ng/g	Total	Calculated		Dry			GCMS	MASE
DDE_44	DDE ***retired*** (use DDE, p,p'-)	ng/g	Total	Calculated		Dry			SW8081	MASE
DDT_24	DDT,o,p'-	ng/g	Total	Calculated		Dry			GCMS	MASE
DDT_44	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Calculated		Dry			GCMS	MASE
DIBENTP	Dibenzothiophene	ng/g	Total	Calculated		Dry			GCMS	MASE
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Calculated		Dry			GCMS	MASE
DIELDRIN	Dieldrin	ng/g	Total	Calculated		Dry			GCMS	MASE
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Calculated		Dry			GCMS	MASE
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Calculated		Dry			GCMS	MASE
ENDOSUII	Endosulfan, beta-	ng/g	Total	Calculated		Dry			GCMS	MASE
ENDRIN	Endrin	ng/g	Total	Calculated		Dry			GCMS	MASE
ENDSUSFT	Endosulfan Sulfate	ng/g	Total	Calculated		Dry			GCMS	MASE
FLUORANT	Fluoranthene	ng/g	Total	Calculated		Dry			GCMS	MASE

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLUORENE	Fluorene	ng/g	Total	Calculated		Dry			GCMS	MASE
HEPTACHL	Heptachlor	ng/g	Total	Calculated		Dry			GCMS	MASE
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Calculated		Dry			GCMS	MASE
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Calculated		Dry			GCMS	MASE
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Calculated		Dry			GCMS	MASE
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Calculated		Dry			GCMS	MASE
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Calculated		Dry			GCMS	MASE
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Calculated		Dry			GCMS	MASE
MIREX	Mirex	ng/g	Total	Calculated		Dry			GCMS	MASE
NAPH	Naphthalene	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB101	Pcb-101	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB101/90	PCB-090/101	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB105	Pcb-105	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB110	Pcb-110	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB11077	PCB-077/110	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB118	Pcb-118	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB126	Pcb-126	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB128	Pcb-128	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB138	Pcb-138	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB153	Pcb-153	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB153/132	Pcb-132/153	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB170	Pcb-170	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB170/190	Pcb-170/190	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB18	PCB-018	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB180	Pcb-180	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB187	Pcb-187	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB195	Pcb-195	ng/g	Total	Calculated		Dry			SW8081	MASE

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB195/208	Pcb-195/208	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB206	Pcb-206	ng/g	Total	Calculated		Dry			SW8081	ASE
PCB209	Pcb-209	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB28	PCB-028	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB44	PCB-044	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB52	PCB-052	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB66	PCB-066	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB77	PCB- 077	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB8	PCB-008	ng/g	Total	Calculated		Dry			GCMS	MASE
PCB8/5	PCB-005/008	ng/g	Total	Calculated		Dry			GCMS	MASE
PHENANTH	Phenanthrene	ng/g	Total	Calculated		Dry			NOTREC	NOTREC
PYRENE	Pyrene	ng/g	Total	Calculated		Dry			GCMS	MASE
TNONCHL	Nonachlor, trans-	ng/g	Total	Calculated		Dry			GCMS	MASE
TOXAPHEN	Toxaphene	ng/g	Total	Calculated		Dry			GCMS	MASE
TRIMETH	Trimethylnaphthalene	ng/g	Total	Calculated		Dry			GCMS	MASE

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP7GU	Sed chem organic: NCA-Gulf	Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACENTHE	Acenaphthene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
ACENTHY	Acenaphthylene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
ALDRIN	Aldrin	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
ALPHABHC	BHC-alpha	ng/g	Total	Calculated					GC/ECD(NCA)	
ALPHACHL	Chlordane, cis	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ANTHRA	Anthracene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
BENANTH	Benzo[a]anthracene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
BENAPY	Benzo[a]pyrene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
BENEPY	Benzo(e)pyrene	ng/g	Total	Calculated					GC/MS-SIM	
BENZOBFL	Benzo[b]fluoranthene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
BENZOKFL	Benzo[k]fluoranthene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
BENZOP	Benzo[g,h,i]perylene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
BETABHC	BHC-beta	ng/g	Total	Calculated					GC/ECD(NCA)	
BIPHENYL	Biphenyl	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
CHRYSENE	Chrysene	ng/g	Total	Calculated					GC/MS-SIM	
CISNONA	Nonachlor, cis-	ng/g	Total	Calculated					GC/ECD(NCA)	
DELTABHC	BHC-delta	ng/g	Total	Calculated					GC/ECD(NCA)	
DIBENTP	Dibenzothiophene	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
DIELDRIN	Dieldrin	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
ENDOSUL1	Endosulfan, alpha-	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
ENDOSUL2	Endosulfan, beta-	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
ENDOSULF	Endosulfan	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
ENDRIN	Endrin	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
ENDSUSFT	Endosulfan Sulfate	ng/g	Total	Calculated					GC/ECD(NCA)	
FLUORANT	Fluoranthene	ng/g	Total	Calculated					GC/MS-SIM	
FLUORENE	Fluorene	ng/g	Total	Calculated					GC/MS-SIM	
GAMMACHL	Chlordane, gamma	ng/g	Total	Calculated					GC/ECD(NCA)	
HEPTACHL	Heptachlor	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
HEXACHL	Hexachlorobenzene	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
MIREX	Mirex	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
NAPH	Naphthalene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
OPDDD	DDD, o,p'-	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
OPDDE	DDE, o,p'-	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
OPDDT	DDT,o,p'-	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
OXYCHL	Oxychlorane	ng/g	Total	Calculated					GC/ECD(NCA)	
PCB101	Pcb-101	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB105	Pcb-105	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB110A	Pcb-110	ng/g	Total	Calculated					GC/ECD(NCA)	
PCB118	Pcb-118	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB126	Pcb-126	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB128	Pcb-128	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB138	Pcb-138	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB153	Pcb-153	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB170	Pcb-170	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB18	PCB-018	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB180	Pcb-180	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB187A	Pcb-182/187	ng/g	Total	Calculated					GC/ECD(NCA)	
PCB195	Pcb-195	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB206	Pcb-206	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB209	Pcb-209	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB28	PCB-028	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB44	PCB-044	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB52	PCB-052	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB66	PCB-066	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB77	PCB- 077	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB8	PCB-008	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PHENANTH	Phenanthrene	ng/g	Total	Calculated					GC/MS-SIM	
PPDDD	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PPDDE	DDE ***retired*** (use DDE, p,p')	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PPDDT	DDT ***retired*** (use DDT, p,p')	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PYRENE	Pyrene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA
TNONCHL	Nonachlor, trans-	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
TOXAPHEN	Toxaphene	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
TRIMETH	Trimethylnaphthalene	ng/g	Total	Calculated					GC/MS-SIM	ORG-NCA

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP7NE	Sed chem-organic:NCA-NE2000	Sample	Sediment				N

Citations C.J. Strobel, 2000, Coastal 2000 - Northeast component: field operations manual, USEPA NHEERL, Atlantic Ecology Division, Narragansett, RI, 68 p

Description Results of organic analyses conducted with sediment collected in National Coastal Assessment-Northeast 2000-01.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ABHC	Hexachlorocyclohexane	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
ACENTHE	Acenaphthene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
ACENTHY	Acenaphthylene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALDRIN	Aldrin	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
ANTHRA	Anthracene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
BBHC	Hexachlorocyclohexane	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
BENANTH	Benzo[a]anthracene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
BENAPY	Benzo[a]pyrene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
BENEPY	Benzo(e)pyrene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
BENZOBFL	Benzo[b]fluoranthene	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
BENZOKFL	Benzo[k]fluoranthene	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
BENZOP	Benzo[g,h,i]perylene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
BIPHENYL	Biphenyl	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
CHRYSENE	Chrysene	ng/g	Total	Actual		Dry			GC/MS(NCA)	ORG-NCA
CHRYSENE2	Chrysenes C1-C4	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
CISCHL	Chlordane, cis	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
CISNONA	Nonachlor, cis-	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
DBHC	Hexachlorocyclohexane	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
DIBENTP	Dibenzothiophene	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
DIELDRIN	Dieldrin	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
ENDOSUII	Endosulfan, beta-	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
ENDOSULF	Endosulfan	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
ENDRIN	Endrin	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
ENDRIN_A	Endrin Aldehyde	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
ENDRIN_K	Endrin ketone	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
FLUORANT	Fluoranthene	ng/g	Total	Calculated		Dry			GC/MS(NCA)	ORG-NCA
FLUORANT2	Fluoranthenes, C1-C4	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLUORENE	Fluorene	ng/g	Total	Actual		Dry			GC/MS(NCA)	ORG-NCA
FLUORENE2	Fluorenes, C1-C3	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
GBHC	Hexachlorocyclohexane	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
HEPTACHL	Heptachlor	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
HEXACHL	Hexachlorobenzene	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
METH	Methoxychlor	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
MIREX	Mirex	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
NAPH	Naphthalene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
OPDDD	DDD, o,p'-	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
OPDDE	DDE, o,p'-	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
OPDDT	DDT,o,p'-	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
OXYCHL	Oxychlordanes	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB101	Pcb-101	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB105	Pcb-105	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB110	Pcb-110	ng/g	Total	Calculated					GC/ECD(NCA)	ORG-NCA
PCB118	Pcb-118	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB126	Pcb-126	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB128	Pcb-128	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB138	Pcb-138	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB153	Pcb-153	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB170	Pcb-170	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB18	PCB-018	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB180	Pcb-180	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB187	Pcb-187	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB195	Pcb-195	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB206	Pcb-206	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB209	Pcb-209	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB28	PCB-028	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB44	PCB-044	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB52	PCB-052	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB66	PCB-066	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB77	PCB- 077	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PCB8	PCB-008	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PHENANTH	Phenanthrene	ng/g	Total	Actual		Dry			GC/MS(NCA)	ORG-NCA
PHENANTH2	Phenanthrenes, C1-C4	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
PPDDD	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PPDDE	DDE ***retired*** (use DDE, p,p')	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PPDDT	DDT ***retired*** (use DDT, p,p')	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
PYRENE	Pyrene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA
TNONCHL	Nonachlor, trans-	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
TOXAPHEN	Toxaphene	ng/g	Total	Actual					GC/ECD(NCA)	ORG-NCA
TRIMETH	Trimethylnaphthalene	ng/g	Total	Actual					GC/MS(NCA)	ORG-NCA

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP7OR	Sed Chem-organic: OR	Sample	Sediment				N

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Citations U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p
Description Results of organic analyses conducted with sediment collected in Oregon during EMAP-West 1999.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
6CLBNZ	Hexachlorobenzene	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
ACENTHE	Acenaphthene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
ACENTHY	Acenaphthylene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
ALDRIN	Aldrin	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
ALPHACHL	Chlordane, cis	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
ANTHRA	Anthracene	ng/g	Total	Calculated		Dry			GCMS	ASE
BENANTH	Benzo[a]anthracene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
BENAPY	Benzo[a]pyrene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
BENZOBFL	Benzo[b]fluoranthene	ng/g	Total	Calculated		Dry			GCMS	ASE
BENZOKFL	Benzo[k]fluoranthene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
BENZOP	Benzo[g,h,i]perylene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
BIPHENYL	Biphenyl	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
CHRYSENE	Chrysene	ng/g	Total	Calculated		Dry			GC/MS	SOXHLET
DDD_24	DDD, o,p'-	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
DDD_44	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
DDE_24	DDE, o,p'-	ng/g	Total	Calculated					GCECD	SOXHLET
DDE_44	DDE ***retired*** (use DDE, p,p'-)	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
DDT_24	DDT, o,p'-	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
DDT_44	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
DIBENTP	Dibenzothiophene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
DIELDRIN	Dieldrin	ng/g	Total	Calculated		Dry			GCECD	SOXHLET

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
ENDOSUII	Endosulfan, beta-	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
ENDRIN	Endrin	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
ENDSUSFT	Endosulfan Sulfate	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
FLUORANT	Fluoranthene	ng/g	Total	Calculated		Dry			GC/MS	SOXHLET
FLUORENE	Fluorene	ng/g	Total	Calculated		Dry			GC/MS	SOXHLET
HEPTACHL	Heptachlor	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
MIREX	Mirex	ng/g	Total	Calculated		Dry			GCECD	ASE
NAPH	Naphthalene	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB101	Pcb-101	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB105	Pcb-105	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB110	Pcb-110	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB11077	PCB-077/110	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB118	Pcb-118	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB126	Pcb-126	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB128	Pcb-128	ng/g	Total	Calculated		Dry			GCECD	ASE
PCB138	Pcb-138	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB153	Pcb-153	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB170	Pcb-170	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB18	PCB-018	ng/g	Total	Calculated		Dry			GCECD	SOXHLET

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB180	Pcb-180	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB187	Pcb-187	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB195	Pcb-195	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB206	Pcb-206	ng/g	Total	Calculated		Dry			GCECD	ASE
PCB209	Pcb-209	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB28	PCB-028	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB44	PCB-044	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB52	PCB-052	ng/g	Total	Calculated		Dry			GCECD	ASE
PCB66	PCB-066	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB77	PCB- 077	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PCB8	PCB-008	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
PYRENE	Pyrene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET
TNONCHL	Nonachlor, trans-	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
TOXAPHEN	Toxaphene	ng/g	Total	Calculated		Dry			GCECD	SOXHLET
TRIMETH	Trimethylnaphthalene	ng/g	Total	Calculated		Dry			GCMS	SOXHLET

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP7V3	Sed Chem-organic:VA93	Sample	Sediment				N

Citations C. Strobel, 1996, EMAP-Estuarines 1993 Virginian Province Sediment Chemistry Metadata, U.S. Environmental Protection Agency, 15 p

Description Results of organic analyses conducted with sediment collected in EMAP's Virginian Province 1993.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACENTHE	Acenaphthene	ng/g	Total	Actual					GC/MS	SE(VP)
ACENTHY	Acenaphthylene	ng/g	Total	Actual					GC/MS	SE(VP)
ALDRIN	Aldrin	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ANTHRA	Anthracene	ng/g	Total	Actual					GC/MS	SE(VP)
BENANTH	Benzo[a]anthracene	ng/g	Total	Actual					GC/MS	SE(VP)
BENAPY	Benzo[a]pyrene	ng/g	Total	Actual					GC/MS	SE(VP)
BENEPY	Benzo(e)pyrene	ng/g	Total	Actual					GC/MS	SE(VP)
BENZOFI	Benzo[bk]fluoranthene	ng/g	Total	Actual					GC/MS	SE(VP)
BENZOP	Benzo[g,h,i]perylene	ng/g	Total	Actual					GC/MS	SE(VP)
BIPHENYL	Biphenyl	ng/g	Total	Actual					GC/MS	SE(VP)
CHRYSENE	Chrysene	ng/g	Total	Actual					GC/MS	SE(VP)
CISCHL	Chlordane, cis	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Actual					GC/MS	SE(VP)
DIELDRIN	Dieldrin	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Actual					GC/MS	SE(VP)
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
ENDOSUII	Endosulfan, beta-	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
ENDOSULF	Endosulfan	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
ENDRIN	Endrin	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
ENDRINA	Endrin Aldehyde	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
ENDRINK	Endrin ketone	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
FLUORANT	Fluoranthene	ng/g	Total	Actual					GC/MS	SE(VP)
FLUORENE	Fluorene	ng/g	Total	Actual					GC/MS	SE(VP)
HEPTACHL	Heptachlor	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
HEXACHL	Hexachlorobenzene	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Actual					GC/MS	SE(VP)
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Actual					GC/MS	SE(VP)
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Actual					GC/MS	SE(VP)

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Actual					GC/MS	SE(VP)
MIREX	Mirex	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
NAPH	Naphthalene	ng/g	Total	Actual					GC/MS	SE(VP)
OPDDD	DDD, o,p'-	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
OPDDE	DDE, o,p'-	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
OPDDT	DDT, o,p'-	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB101	Pcb-101	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB105	Pcb-105	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB118	Pcb-118	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB128	Pcb-128	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB138	Pcb-138	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB153	Pcb-153	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB170	Pcb-170	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB18	PCB-018	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB180	Pcb-180	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB187	Pcb-187	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB195	Pcb-195	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB206	Pcb-206	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB209	Pcb-209	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB28	PCB-028	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB44	PCB-044	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB52	PCB-052	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB66	PCB-066	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PCB8	PCB-008	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PERYLENE	Perylene	ng/g	Total	Actual					GC/MS	SE(VP)
PHENANTH	Phenanthrene	ng/g	Total	Actual					GC/MS	SE(VP)
PPDDD	DDD ***retired*** (use DDD,	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PPDDE	p,p') DDE ***retired*** (use DDE, p,p'-)	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PPDDT	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
PYRENE	Pyrene	ng/g	Total	Actual					GC/MS	SE(VP)
TNONCHL	Nonachlor, trans-	ng/g	Total	Actual					GC/ECD(VP)	SE(VP)
TRIMETH	Trimethylnaphthalene	ng/g	Total	Actual					GC/MS	SE(VP)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP7WA	Sed Chem-organic: WA	Sample	Sediment				N
Citations	Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p						
Description	Results of organic analyses conducted with sediment collected in Washington during EMAP-West 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
6CLBNZ	Hexachlorobenzene	ng/g	Total	Actual					GCECD	
ACENTHE	Acenaphthene	ng/g	Total	Actual					GCMS	MASE
ACENTHY	Acenaphthylene	ng/g	Total	Actual					GCMS	MASE
ALDRIN	Aldrin	ng/g	Total	Actual					GCMS	MASE
ALPHACHL	Chlordane, cis	ng/g	Total	Actual					GCMS	MASE
ANTHRA	Anthracene	ng/g	Total	Actual					GCMS	MASE
BENANTH	Benzo[a]anthracene	ng/g	Total	Actual					GCMS	MASE
BENAPY	Benzo[a]pyrene	ng/g	Total	Actual					GCMS	MASE
BENZOBFL	Benzo[b]fluoranthene	ng/g	Total	Actual					GCMS	MASE
BENZOKFL	Benzo[k]fluoranthene	ng/g	Total	Actual					GCMS	MASE
BENZOP	Benzo[g,h,i]perylene	ng/g	Total	Actual					GCMS	MASE

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BIPHENYL	Biphenyl	ng/g	Total	Actual					GCMS	MASE
CHRYSENE	Chrysene	ng/g	Total	Actual		Dry			GCMS	MASE
DDD_24	DDD, o,p'-	ng/g	Total	Actual					GCMS	MASE
DDD_44	DDD ***retired*** (use DDD, p,p')	ng/g	Total	Actual						MASE
DDE_24	DDE, o,p'-	ng/g	Total	Actual						
DDE_44	DDE ***retired*** (use DDE, p,p'-)	ng/g	Total	Actual						
DDT_24	DDT,o,p'-	ng/g	Total	Actual					GCMS	MASE
DDT_44	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Actual					GCMS	MASE
DIBENTP	Dibenzothiophene	ng/g	Total	Actual					GCMS	SOXHLET
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Actual					GCMS	MASE
DIELDRIN	Dieldrin	ng/g	Total	Actual						
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Actual					GCMS	MASE
ENDOSUI	Endosulfan, alpha-	ng/g	Total	Actual					GCMS	MASE
ENDOSUII	Endosulfan, beta-	ng/g	Total	Actual						MASE
ENDRIN	Endrin	ng/g	Total	Actual					GCMS	MASE
ENDSUSFT	Endosulfan Sulfate	ng/g	Total	Actual					GCMS	MASE
FLUORANT	Fluoranthene	ng/g	Total	Actual		Dry			GCMS	MASE
FLUORENE	Fluorene	ng/g	Total	Actual		Dry			GCMS	MASE
HEPTACHL	Heptachlor	ng/g	Total	Actual					GCMS	MASE
HEPTAEPO	Heptachlor epoxide	ng/g	Total	Actual						
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Actual					GCMS	MASE
LINDANE	BHC-gamma (Lindane)	ng/g	Total	Actual					GCMS	MASE
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Actual					GCMS	
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Actual					GCMS	MASE
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Actual					GCMS	MASE

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MIREX	Mirex	ng/g	Total	Actual					GCMS	MASE
NAPH	Naphthalene	ng/g	Total	Actual					GCMS	MASE
PCB101	Pcb-101	ng/g	Total	Actual					GCMS	MASE
PCB105	Pcb-105	ng/g	Total	Actual					GCMS	MASE
PCB110	Pcb-110	ng/g	Total	Actual					GCMS	MASE
PCB118	Pcb-118	ng/g	Total	Actual					GCMS	MASE
PCB126	Pcb-126	ng/g	Total	Actual					GCMS	MASE
PCB128	Pcb-128	ng/g	Total	Actual					GCMS	MASE
PCB138	Pcb-138	ng/g	Total	Actual					GCMS	MASE
PCB153	Pcb-153	ng/g	Total	Actual					GCMS	MASE
PCB170	Pcb-170	ng/g	Total	Actual					GCMS	MASE
PCB18	PCB-018	ng/g	Total	Actual					GCMS	MASE
PCB180	Pcb-180	ng/g	Total	Actual					GCMS	MASE
PCB187	Pcb-187	ng/g	Total	Actual					GCMS	MASE
PCB195	Pcb-195	ng/g	Total	Actual					GCMS	MASE
PCB206	Pcb-206	ng/g	Total	Actual					GCMS	MASE
PCB209	Pcb-209	ng/g	Total	Actual					GCMS	MASE
PCB28	PCB-028	ng/g	Total	Actual					GCMS	MASE
PCB44	PCB-044	ng/g	Total	Actual					GCMS	MASE
PCB52	PCB-052	ng/g	Total	Actual					GCMS	MASE
PCB66	PCB-066	ng/g	Total	Actual					GCMS	MASE
PCB77	PCB- 077	ng/g	Total	Actual					GCMS	MASE
PCB77110	PCB-077/110	ng/g	Total	Actual					GCMS	MASE
PCB8	PCB-008	ng/g	Total	Actual					GCMS	MASE
PHENANTH	Phenanthrene	ng/g	Total	Calculated					SW8270	ASE
PYRENE	Pyrene	ng/g	Total	Actual					GCMS	MASE
TNONCHL	Nonachlor, trans-	ng/g	Total	Actual					GCMS	MASE

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TOXAPHEN	Toxaphene	ng/g	Total	Actual					GCECD	SOXHLET
TRIMETH	Trimethylnaphthalene	ng/g	Total	Actual					GCMS	MASE

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP8CA	Sediment-physical: CA	Sample	Sediment				N
Citations	Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p						
Description	Results of sediment grain analyses conducted with sediment collected in California during EMAP-West 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SICL	Substrate - silt, fine	%		Actual		Dry			WSA	NR
TOC	Carbon, Total Organic (Toc)	%	Total	Actual					MARPCN IV	SE

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP8GU	Sediment-physical: NCA-GU	Sample	Sediment				N
Citations	U.S. Environmental Protection Agency, 2001, EMAP-National Coastal Assessment Quality Assurance Project Plan 2001-2004, USEPA, NHEERL Gulf Ecology Division, Gulf Breeze, FL, 202 p						
Description	Results of sediment grain analyses conducted with sediment collected in National Coastal Assessment-Gulf 2000.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SICL	Substrate - silt/clay mix	%		Calculated					EPA 9060/1986	
	Acceptable Range	0.00000 - 100.00000 %								
TOC	Carbon, Total Organic (Toc)	%	Total	Calculated					ASTM D-422	
	Acceptable Range	0.00000 - 18.00000 %								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP8NE	Sediment-physical: NCA-NE	Sample	Sediment				N

Citations U.S. EPA, 1995, EMAP: Laboratory Methods Manual-Estuaries, Volume 1: Biological and Physical Analyses, Environmental Protection Agency, Office of Research and Development, Narragansett, RI, 128 p

Description Results of sediment grain analyses conducted with sediment collected in National Coastal Assessment-Northeast 2000-01.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MOISTURE	Moisture content	%	Non-filterable	Calculated					MOIS-NCA	
SAND	Substrate - sand	%		Calculated					GRN-NCA	
SILTCLAY	Substrate - silt/clay mix	%		Calculated					GRN-NCA	
TOC	Carbon, Total Organic (Toc)	%	Total	Calculated					TOC-NCA	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP8OR	Sediment-physical: OR	Sample	Sediment				N

Citations Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p

Description Results of sediment grain analyses conducted with sediment collected in Oregon during EMAP-West 1999.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SICL	Substrate - silt, fine	%		Actual		Dry			GRV	EMAP-E
TOC	Carbon, Total Organic (Toc)	ppm	Total	Actual					EPA-415.1	EMAP-E

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GROUP8WA	Sediment-physical: WA	Sample	Sediment				N

Citations Tom Heitmuller, USGS, 2001, Quality Assurance Project Plan; EMAP-West-Coastal Monitoring, USEPA: EMAP, Gulf Breeze Laboratory, 152 p

Description Results of sediment grain analyses conducted with sediment collected in Washington during EMAP-West 1999.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SICL	Substrate - silt, fine	%		Actual		Dry			PSEP86	PSEP86
TOC	Carbon, Total Organic (Toc)	%	Total	Actual					PSEP-TOC	NR

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NE00NYOR	Organic for NY: NE00	Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACENTHE	Acenaphthene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
ACENTHY	Acenaphthylene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
ANTHRA	Anthracene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
BENANTH	Benzo[a]anthracene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
BENAPY	Benzo[a]pyrene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
BENEPY	Benzo(e)pyrene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
BENZOBFL	Benzo[b]fluoranthene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
BENZOKFL	Benzo[k]fluoranthene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
BIPHENYL	Biphenyl	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
CHRYSENE	Chrysene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
DIBENZ	Dibenzo[a,h]anthracene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
DIMETH	Dimethylnaphthalene, 2,6-	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
FLUORANT	Fluoranthene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
FLUORENE	Fluorene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
INDENO	Indeno[1,2,3-cd]pyrene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
MENAP1	Methylnaphthalene, 1-	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
MENAP2	Methylnaphthalene, 2-	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
MEPHEN1	Methylphenanthrene, 1-	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NAPH	Naphthalene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
PHENANTH	Phenanthrene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
PYRENE	Pyrene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA
TRIMETH	Trimethylnaphthalene	ng/g	Total	Calculated					GC/MS(NCA)	ORG-NCA

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
V93BSPEC	VA PROV 1993 Benthic infauna	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
Citations	R. Valente and C. Strobel, 1993, EMAP-Estuaries Virginian Province: Quality Assurance Project Plan for 1993, U.S. Environmental Protection Agency, Office of Research and Development, 136 p						
Description	Mean counts of benthic infauna collected in three grabs (generally) for EMAP-Estuaries Virginian Province 1993.						

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
ACANMILL	Acanthohaustorius millisi		count	Calculated	Mean			
ACANSIMI	Acanthohaustorius similis		count	Calculated	Mean			
ACANTHOH	Acanthohaustorius		count	Calculated	Mean			
ACROCFAM	Acrocirridae		count	Calculated	Mean			
ACTECANA	Acteocina canaliculata		count	Calculated	Mean			
ACTEPUNC	Acteon punctostriatus		count	Calculated	Mean			
AEGILONG	Aeginina longicornis		count	Calculated	Mean			
AGLACIRC	Aglaophamus circinata		count	Calculated	Mean			
AGLAVERR	Aglaophamus verrilli		count	Calculated	Mean			
ALIGELEV	Aligena elevata		count	Calculated	Mean			
AMASCAPE	Amastigos		count	Calculated	Mean			
AMNILIMO	Amnicola limosus		count	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
AMPEABDI	<i>Ampelisca abdita</i>		count	Calculated	Mean			
AMPEABVA	<i>Ampelisca</i>		count	Calculated	Mean			
AMPEAGAS	<i>Ampelisca agassizi</i>		count	Calculated	Mean			
AMPEVADO	<i>Ampelisca vadorum</i>		count	Calculated	Mean			
AMPEVERR	<i>Ampelisca verrilli</i>		count	Calculated	Mean			
AMPHARCT	<i>Ampharete arctica</i>		count	Calculated	Mean			
AMPHARTD	<i>Ampharetidae</i>		count	Calculated	Mean			
AMPHORNA	<i>Amphitrite ornata</i>		count	Calculated	Mean			
AMPILONG	<i>Ampithoe longimana</i>		count	Calculated	Mean			
AMPITHOE	<i>Ampithoe</i>		count	Calculated	Mean			
AMPITHOI	<i>Ampithoidae</i>		count	Calculated	Mean			
AMPIVALI	<i>Ampithoe valida</i>		count	Calculated	Mean			
ANACLAFR	<i>Anachis lafresnayi</i>		count	Calculated	Mean			
ANACOBES	<i>Anachis obesa</i>		count	Calculated	Mean			
ANADOVAL	<i>Anadara ovalis</i>		count	Calculated	Mean			
ANADTRAN	<i>Anadara transversa</i>		count	Calculated	Mean			
ANCIDEPR	<i>Ancinus depressus</i>		count	Calculated	Mean			
ANCIHART	<i>Ancistrosyllis hartmanae</i>		count	Calculated	Mean			
ANCIJONE	<i>Ancistrosyllis jonesi</i>		count	Calculated	Mean			
ANOBGRAC	<i>Anobothrus gracilis</i>		count	Calculated				
ANODONTA	<i>Anodonta</i>		count	Calculated	Mean			
ANOMIA	<i>Anomia</i>	sp.1	count	Calculated	Mean			
ANOMSIMP	<i>Anomia simplex</i>		count	Calculated	Mean			
ANOPPETI	<i>Anoplodactylus petiolatus</i>		count	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
ANTHOZOA	Anthozoa		count	Calculated	Mean			
APHELOCH	Aphelochaeta		count	Calculated	Mean			
APHESPEA	Aphelochaeta	sp.1	count	Calculated	Mean			
APOPPYGM	Apoprionospio pygmaea		count	Calculated	Mean			
ARABELLI	Arabellidae		count	Calculated	Mean			
ARABIRMU	Arabella iricolor		count	Calculated	Mean			
ARCIDFAM	Arcidae		count	Calculated	Mean			
ARCTISLA	Arctica islandica		count	Calculated	Mean			
ARICCATH	Aricidea catherinae		count	Calculated	Mean			
ARICWASS	Aricidea wassi		count	Calculated	Mean			
ASABOCUL	Asabellides oculata		count	Calculated	Mean			
ASCIDIAC	Ascidiacea		count	Calculated	Mean			
ASTARTE	Astarte		count	Calculated	Mean			
ASTAUNDA	Astarte undata		count	Calculated	Mean			
ASTERIAS	Asterias		count	Calculated	Mean			
ASTEROID	Asteroidea		count	Calculated	Mean			
ASTHHEMP	Asthenothaerus hemphilli		count	Calculated	Mean			
ASTYLUNA	Astyris lunata		count	Calculated	Mean			
ASYCELON	Asychis elongata		count	Calculated	Mean			
AULOLIMN	Aulodrilus limnobius		count	Calculated	Mean			
AULOPAUC	Aulodrilus paucichaeta		count	Calculated	Mean			
AULOPIGU	Aulodrilus pigueti		count	Calculated	Mean			
AXARUS	Axarus		count	Calculated	Mean			
BALACREN	Balanus crenatus		count	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
BALAIMPR	Balanus improvisus		count	Calculated	Mean			
BALANUS	Balanus		count	Calculated	Mean			
BALAVENU	Balanus venustus		count	Calculated	Mean			
BARNTRUN	Barnea truncata		count	Calculated	Mean			
BATECATH	Batea catharinensis		count	Calculated	Mean			
BATHPARK	Bathyporeia parkeri		count	Calculated	Mean			
BHAWHETE	Bhawania heteroseta		count	Calculated	Mean			
BITHTENT	Bithynia tentaculata		count	Calculated	Mean			
BIVALBUS	Bivalvia		count	Calculated	Mean			
BOCLHAMA	Boccardiella hamata		count	Calculated	Mean			
BODOSPEA	Bodotria		count	Calculated	Mean			
BOONBISU	Boonea bisuturalis		count	Calculated	Mean			
BOONSEMI	Boonea seminuda		count	Calculated	Mean			
BRACHYCE	Brachycercus		count	Calculated	Mean			
BRADVILL	Brada villosa		count	Calculated	Mean			
BRANCARI	Branchiostoma caribaeum		count	Calculated	Mean			
BRANCLAV	Brania clavata		count	Calculated	Mean			
BRANSOWE	Branchiura sowerbyi		count	Calculated	Mean			
BRANWELL	Brania wellfleetensis		count	Calculated	Mean			
BRATUNID	Bratislavia unidentata		count	Calculated	Mean			
BUCCINID	Buccinidae		count	Calculated	Mean			
BUSHELEG	Bushia elegans		count	Calculated	Mean			
BYBLSERR	Byblis serrata		count	Calculated	Mean			
CABIINCE	Cabira incerta		count	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
CAECJOHN	Caecum johnsoni		count	Calculated	Mean			
CAECREGU	Caecum regulare		count	Calculated	Mean			
CAECUM	Caecum		count	Calculated	Mean			
CAENIS	Caenis		count	Calculated	Mean			
CALLBREV	Callipallene brevirostris		count	Calculated	Mean			
CALLSAPI	Callinectes sapidus		count	Calculated	Mean			
CALLSETI	Callianassa setimanus		count	Calculated	Mean			
CALYPSPA	Calypttraeidae		count	Calculated	Mean			
CANCIRRO	Cancer irroratus		count	Calculated	Mean			
CAPITELD	Capitellidae		count	Calculated	Mean			
CAPITELL	Capitella		count	Calculated	Mean			
CAPRELLA	Caprella		count	Calculated	Mean			
CAPRELLI	Caprellidae		count	Calculated	Mean			
CAPRPENA	Caprella penantis		count	Calculated	Mean			
CARAHOBS	Carazziella hobsonae		count	Calculated	Mean			
CARIDEA	Caridea		count	Calculated	Mean			
CAUDAREN	Caudina arenata		count	Calculated	Mean			
CAULSPEB	Caulleriella		count	Calculated	Mean			
CERAPINN	Cerastoderma pinnulatum		count	Calculated	Mean			
CERATFAM	Ceratopogonidae		count	Calculated	Mean			
CERATUBU	Cerapus tubularis		count	Calculated	Mean			
CERIAMER	Ceriantheopsis americana		count	Calculated	Mean			
CHAEVARI	Chaetopterus variopedatus		count	Calculated	Mean			
CHAOPUNC	Chaoborus punctipennis		count	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
CHIRALMY	Chiridotea almyra		count	Calculated	Mean			
CHIRIDOT	Chiridotea		count	Calculated	Mean			
CHIRONOM	Chironomus		count	Calculated	Mean			
CHONINFU	Chone infundibuliformis		count	Calculated	Mean			
CHRNMDAE	Chironomidae		count	Calculated	Mean			
CIRRATUL	Cirratulidae		count	Calculated	Mean			
CIRRGRAN	Cirriformia grandis		count	Calculated	Mean			
CIRROSPA	Cirrophorus	sp.1	count	Calculated	Mean			
CIRROSPB	Cirrophorus	sp.2	count	Calculated	Mean			
CIRRSPEA	Cirrophorus	sp.1	count	Calculated	Mean			
CLYMTORQ	Clymenella torquata		count	Calculated	Mean			
COELOTAN	Coelotanypus		count	Calculated	Mean			
COLLEMBO	Collembola		count	Calculated	Mean			
CORBFLUM	Corbicula fluminea		count	Calculated	Mean			
COROACHE	Corophium acherusicum		count	Calculated	Mean			
COROACUT	Corophium acutum		count	Calculated	Mean			
COROBONN	Corophium bonnellii		count	Calculated	Mean			
COROCRAS	Corophium crassicorne		count	Calculated	Mean			
COROINSI	Corophium insidiosum		count	Calculated	Mean			
COROLACU	Corophium lacustre		count	Calculated	Mean			
COROPHIU	Corophium		count	Calculated	Mean			
COROTUBE	Corophium tuberculatum		count	Calculated	Mean			
COSSSOYE	Cossura soyeri		count	Calculated	Mean			
CRANSEPT	Crangon septemspinosa		count	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
CRATPILA	Cratena pilata		count	Calculated	Mean			
CRENELLA	Crenella		count	Calculated	Mean			
CRENGLAN	Crenella glandula		count	Calculated	Mean			
CREPCONV	Crepidula convexa		count	Calculated	Mean			
CREPFORN	Crepidula fornicata		count	Calculated	Mean			
CREPIDUL	Crepidula		count	Calculated	Mean			
CREPPLAN	Crepidula plana		count	Calculated	Mean			
CRYPFULV	Cryptochironomus fulvus		count	Calculated	Mean			
CRYPTOCH	Cryptochironomus		count	Calculated	Mean			
CYATBURB	Cyathura burbancki		count	Calculated	Mean			
CYATPOLI	Cyathura polita		count	Calculated	Mean			
CYCLBORE	Cyclocardia borealis		count	Calculated	Mean			
CYCLVARI	Cyclaspis varians		count	Calculated	Mean			
CYLIBIDE	Cylichnella bidentata		count	Calculated	Mean			
CYMACOMP	Cymadusa compta		count	Calculated	Mean			
DEMOMICR	Demonax microphthalmus		count	Calculated	Mean			
DERODIGI	Dero digitata		count	Calculated	Mean			
DIASQUAD	Diastylis quadrispinosa		count	Calculated	Mean			
DIASSCUL	Diastylis sculpta		count	Calculated	Mean			
DICROTEN	Dicrotendipes		count	Calculated	Mean			
DIOPCUPR	Diopatra cuprea		count	Calculated	Mean			
DISPUNCI	Dispia uncinata		count	Calculated	Mean			
DORIOBSC	Doridella obscura		count	Calculated	Mean			
DORVSPEA	Dorvilleidae		count	Calculated	Mean			

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DRILLONG	Drilonereis longa		count	Calculated	Mean			
DUBIRAPH	Dubiraphia		count	Calculated	Mean			
DYOPMONA	Dyopedos monacanthus		count	Calculated	Mean			
ECHINOID	Echinoidea		count	Calculated	Mean			
EDOTTRIL	Edotea triloba		count	Calculated	Mean			
ELASLAEV	Elasmopus laevis		count	Calculated	Mean			
ENCHYTRA	Enchytraeidae		count	Calculated	Mean			
ENDOCHIR	Endochironomus		count	Calculated	Mean			
ENSIDIRE	Ensis directus		count	Calculated	Mean			
EOBRSPIN	Eobrolgus spinosus		count	Calculated	Mean			
EPHEMFAM	Ephemeraeidae		count	Calculated	Mean			
EPITHUMP	Epitonium humphreysii		count	Calculated	Mean			
EPITONIU	Epitonium		count	Calculated	Mean			
EPITRUPI	Epitonium rupicola		count	Calculated	Mean			
ERICBRAS	Erichthonius brasiliensis		count	Calculated	Mean			
ERICFASC	Erichthonius fasciatus		count	Calculated	Mean			
ERICFILI	Erichsonella filiformis		count	Calculated	Mean			
ERICHSON	Erichsonella		count	Calculated	Mean			
ERICTHON	Erichthonius		count	Calculated	Mean			
ETEOFOLI	Eteone foliosa		count	Calculated	Mean			
ETEOHETE	Eteone heteropoda		count	Calculated	Mean			
EUCEPRAE	Euceramus praelongus		count	Calculated	Mean			
EUCHELEG	Euchone elegans		count	Calculated	Mean			
EUCHINCO	Euchone incolor		count	Calculated	Mean			

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EUDOPUSI	Eudorella pusilla		count	Calculated	Mean			
EUMISANG	Eumida sanguinea		count	Calculated	Mean			
EUNICIDA	Eunicidae		count	Calculated	Mean			
EUPLCAUD	Eupleura caudata		count	Calculated	Mean			
EXOGDISP	Exogone dispar		count	Calculated	Mean			
EXOGHEBE	Exogone hebes		count	Calculated	Mean			
EXOGONE	Exogone		count	Calculated	Mean			
EXOGVERU	Exogone verugera		count	Calculated	Mean			
FARGBART	Fargoa bartschi		count	Calculated	Mean			
FARGBUSH	Fargoa bushiana		count	Calculated	Mean			
FARGOA	Fargoa		count	Calculated	Mean			
FERRISSI	Ferrissia		count	Calculated	Mean			
FLABELLI	Flabelligeridae		count	Calculated	Mean			
GAMMANNU	Gammarus annulatus		count	Calculated	Mean			
GAMMARUS	Gammarus		count	Calculated	Mean			
GAMMDAIB	Gammarus daiberi		count	Calculated	Mean			
GAMMFASC	Gammarus fasciatus		count	Calculated	Mean			
GASTROPO	Gastropoda		count	Calculated	Mean			
GEMMGEMM	Gemma gemma		count	Calculated	Mean			
GEUKDEMI	Geukensia demissa		count	Calculated	Mean			
GLYCAMER	Glycera americana		count	Calculated	Mean			
GLYCDIBR	Glycera dibranchiata		count	Calculated	Mean			
GLYCERA	Glycera		count	Calculated	Mean			
GLYCSOLI	Glycinde solitaria		count	Calculated	Mean			

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GLYPTOTE	Glyptotendipes		count	Calculated	Mean			
GONIADID	Goniadidae		count	Calculated	Mean			
GONIGRAC	Goniadella gracilis		count	Calculated	Mean			
GONIVIRG	Goniobasis virginica		count	Calculated	Mean			
GYPTVITT	Gyptis vittata		count	Calculated	Mean			
HAMISOLI	Haminoea solitaria		count	Calculated	Mean			
HARMEXTE	Harmothoe extenuata		count	Calculated	Mean			
HARMIMBR	Harmothoe imbricata		count	Calculated	Mean			
HARMOTHO	Harmothoe		count	Calculated	Mean			
HARNISCH	Harnischia		count	Calculated	Mean			
HARPPROP	Harpinia propinqua		count	Calculated	Mean			
HARTMOOR	Hartmania moorei		count	Calculated	Mean			
HAVESCAB	Havelockia scabra		count	Calculated	Mean			
HESIONID	Hesionidae		count	Calculated	Mean			
HETEFILI	Heteromastus filiformis		count	Calculated	Mean			
HETEFORM	Heteromysis formosa		count	Calculated	Mean			
HEXAANGU	Hexapanopeus angustifrons		count	Calculated	Mean			
HEXAGENI	Hexagenia		count	Calculated	Mean			
HIRUDINE	Hirudinea		count	Calculated	Mean			
HOBSFLOR	Hobsonia florida		count	Calculated	Mean			
HOLOTHUR	Holothuroidea		count	Calculated	Mean			
HUTCMACR	Hutchinsoniella macracantha		count	Calculated	Mean			
HYDRDIAN	Hydroides dianthus		count	Calculated	Mean			
HYDROBII	Hydrobiidae		count	Calculated	Mean			

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HYDROFAM	Hydroptilidae		count	Calculated	Mean			
HYDROPTI	Hydroptila		count	Calculated	Mean			
HYDRPROT	Hydroides protulicola		count	Calculated	Mean			
HYDRTRUN	Hydrobia truncata		count	Calculated	Mean			
HYPELONG	Eteone longa		count	Calculated	Mean			
ILYOTEMP	Ilyodrilus templetoni		count	Calculated	Mean			
ISCHANGU	Ischyrocerus anguipes		count	Calculated	Mean			
ISOCFREY	Isochaetides freyi		count	Calculated	Mean			
JASSMARM	Jassa marmorata		count	Calculated	Mean			
KURTATRO	Kurtziella atrostyla		count	Calculated	Mean			
LACUVINC	Lacuna vincta		count	Calculated	Mean			
LAEVFUSC	Laevapex fuscus		count	Calculated	Mean			
LEITOSCO	Leitoscoloplos		count	Calculated	Mean			
LEITROBU	Leitoscoloplos robustus		count	Calculated	Mean			
LEMBOS	Lembos		count	Calculated	Mean			
LEBSMIT	Lembos smithi		count	Calculated	Mean			
LEPICOMM	Lepidametria commensalis		count	Calculated	Mean			
LEPIDONO	Lepidonotus		count	Calculated	Mean			
LEPIDYTI	Lepidactylus dytiscus		count	Calculated	Mean			
LEPISUBL	Lepidonotus sublevis		count	Calculated	Mean			
LEPIVARI	Lepidonotus variabilis		count	Calculated	Mean			
LEPTDUBI	Leptocheilia dubia		count	Calculated	Mean			
LEPTPING	Leptocheirus pinguis		count	Calculated	Mean			
LEPTPLUM	Leptocheirus plumulosus		count	Calculated	Mean			

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LEPTTENU	Leptosynapta tenuis		count	Calculated	Mean			
LEUCAMER	Leucon americanus		count	Calculated	Mean			
LEVIGRAC	Levinsenia gracilis		count	Calculated	Mean			
LIBIEMAR	Libinia emarginata		count	Calculated	Mean			
LIBINIA	Libinia		count	Calculated	Mean			
LIMNCERV	Limnodrilus cervix		count	Calculated	Mean			
LIMNCLAP	Limnodrilus claparedianus		count	Calculated	Mean			
LIMNHOFF	Limnodrilus hoffmeisteri		count	Calculated	Mean			
LIMNUDEK	Limnodrilus udekemianus		count	Calculated	Mean			
LIMUPOLY	Limulus polyphemus		count	Calculated	Mean			
LISTBARN	Listriella barnardi		count	Calculated	Mean			
LISTCLYM	Listriella clymenellae		count	Calculated	Mean			
LITTTENU	Littoridinops tenuipes		count	Calculated	Mean			
LOIMMEDU	Loimia medusa		count	Calculated	Mean			
LUCOINCE	Luconacia incerta		count	Calculated	Mean			
LUMBACIC	Lumbrineris acicularum		count	Calculated	Mean			
LUMBHEBE	Lumbrineris hebes		count	Calculated	Mean			
LUMBRIND	Lumbrineridae		count	Calculated	Mean			
LUMBTENI	Lumbrineris tenuis		count	Calculated	Mean			
LYMNAFAM	Lymnaeidae		count	Calculated	Mean			
LYONAREN	Lyonsia arenosa		count	Calculated	Mean			
LYONHYAL	Lyonsia hyalina		count	Calculated	Mean			
LYONSIA	Lyonsia		count	Calculated	Mean			
LYSIALBA	Lysianopsis alba		count	Calculated	Mean			

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MACOBALT	Macoma balthica		count	Calculated	Mean			
MACOMITC	Macoma mitchelli		count	Calculated	Mean			
MACOTENT	Macoma tenta		count	Calculated	Mean			
MACRZONA	Macroclymene zonalis		count	Calculated	Mean			
MACTRFAM	Mactridae		count	Calculated	Mean			
MAGELONA	Magelona		count	Calculated	Mean			
MAJIDAE	Majidae		count	Calculated	Mean			
MALDANID	Maldanidae		count	Calculated	Mean			
MANAAEST	Manayunkia aestuarina		count	Calculated	Mean			
MAREVIRI	Marenzelleria viridis		count	Calculated	Mean			
MARPBELL	Marphysa belli		count	Calculated	Mean			
MEDIAMBI	Mediomastus ambiseta		count	Calculated	Mean			
MEDICALI	Mediomastus californiensis		count	Calculated	Mean			
MELIMACU	Melinna maculata		count	Calculated	Mean			
MELINITI	Melita nitida		count	Calculated	Mean			
MERCMERC	Mercenaria mercenaria		count	Calculated	Mean			
MICRABER	Microphthalmus aberrans		count	Calculated	Mean			
MICRANOM	Microdeutopus anomalus		count	Calculated	Mean			
MICRGRYL	Microdeutopus gryllotalpa		count	Calculated	Mean			
MICROCHI	Microchironomus		count	Calculated	Mean			
MICRODEU	Microdeutopus		count	Calculated	Mean			
MICRRANE	Microprotopus raneyi		count	Calculated	Mean			
MICRSCZE	Microphthalmus sczelkowi		count	Calculated	Mean			
MICRSIMI	Microphthalmus similis		count	Calculated	Mean			

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MOLGAREN	Molgula arenata		count	Calculated	Mean			
MONOSPE1	Monoculodes		count	Calculated	Mean			
MONTDORS	Monticellina dorsobranchialis		count	Calculated	Mean			
MULILATE	Mulinia lateralis		count	Calculated	Mean			
MUSCNIGE	Musculus niger		count	Calculated	Mean			
MUSCTRAN	Musculium transversum		count	Calculated	Mean			
MUSCULIU	Musculium		count	Calculated	Mean			
MUSCULUS	Musculus		count	Calculated	Mean			
MYAAREN	Mya arenaria		count	Calculated	Mean			
MYRIOCUL	Myriochele oculata		count	Calculated	Mean			
MYSEPLAN	Mysella planulata		count	Calculated	Mean			
MYSIALMY	Mysidopsis almyra		count	Calculated	Mean			
MYSIBIGE	Mysidopsis bigelowi		count	Calculated	Mean			
MYTIEDUL	Mytilus edulis		count	Calculated	Mean			
MYTILEUC	Mytilopsis leucophaeata		count	Calculated	Mean			
MYTILIDA	Mytilidae		count	Calculated	Mean			
MYXIINFU	Myxicola infundibulum		count	Calculated	Mean			
NAISPARD	Nais pardalis		count	Calculated	Mean			
NANOCLAD	Nanocladus		count	Calculated	Mean			
NASSTRIV	Nassarius trivittatus		count	Calculated	Mean			
NASSVIBE	Nassarius vibex		count	Calculated	Mean			
NATICIDA	Naticidae		count	Calculated	Mean			
NATIPUSI	Natica pusilla		count	Calculated	Mean			
NEANAREN	Neanthes arenaceodentata		count	Calculated	Mean			

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NEANSUCC	Neanthes succinea		count	Calculated	Mean			
NEANVIRE	Neanthes virens		count	Calculated	Mean			
NEOMAMER	Neomysis americana		count	Calculated	Mean			
NEOPSAYI	Neopanope sayi		count	Calculated	Mean			
NEPHBUCE	Nephtys bucera		count	Calculated	Mean			
NEPHINCI	Nephtys incisa		count	Calculated	Mean			
NEPHPICT	Nephtys picta		count	Calculated	Mean			
NEPHTYID	Nephtyidae		count	Calculated	Mean			
NEPHTYS	Nephtys		count	Calculated	Mean			
NEREGRAY	Nereis grayi		count	Calculated	Mean			
NEREIDAE	Nereididae		count	Calculated	Mean			
NINONIGR	Ninoe nigripes		count	Calculated	Mean			
NOTOMAST	Notomastus		count	Calculated	Mean			
NOTOSPA	Notomastus	sp.1	count	Calculated	Mean			
NOTSPIN	Notocirrus spiniferus		count	Calculated	Mean			
NUCUANNU	Nucula annulata		count	Calculated	Mean			
NUCUDELP	Nucula delphinodonta		count	Calculated	Mean			
NUCULA	Nucula		count	Calculated	Mean			
NUCULANI	Nuculanidae		count	Calculated	Mean			
ODOSENGO	Odostomia engonia		count	Calculated	Mean			
ODOSTOMI	Odostomia		count	Calculated	Mean			
OECETIS	Oecetis		count	Calculated	Mean			
OGYRALPH	Ogyrides alphaerostris		count	Calculated	Mean			
OLIGOCHA	Oligochaeta		count	Calculated	Mean			

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ONUPEREM	Onuphis eremita		count	Calculated	Mean			
ONUPHIDA	Onuphidae		count	Calculated	Mean			
OPHEACUM	Ophelina acuminata		count	Calculated	Mean			
OPHELIID	Opheliidae		count	Calculated	Mean			
OPHIUROI	Ophiuroidea		count	Calculated	Mean			
ORBINIA	Orbinia		count	Calculated	Mean			
ORBINIID	Orbiniidae		count	Calculated	Mean			
ORBIRISE	Orbinia riseri		count	Calculated	Mean			
ORCHMINU	Orchomenella minuta		count	Calculated	Mean			
OVALOCEL	Ovalipes ocellatus		count	Calculated	Mean			
OWENFUSI	Owenia fusiformis		count	Calculated	Mean			
OWENIIDA	Oweniidae		count	Calculated	Mean			
OXYUSMIT	Oxyurostylis smithi		count	Calculated	Mean			
PAGUANNU	Pagurus annulipes		count	Calculated	Mean			
PAGULONG	Pagurus longicarpus		count	Calculated	Mean			
PAGURUS	Pagurus		count	Calculated	Mean			
PANDGOUL	Pandora gouldiana		count	Calculated	Mean			
PANDORA	Pandora		count	Calculated	Mean			
PARACAUD	Paracerceis caudata		count	Calculated	Mean			
PARACYPR	Parametopella cypris		count	Calculated	Mean			
PARADSPB	Paradoneis		count	Calculated	Mean			
PARAFULG	Paraonis fulgens		count	Calculated	Mean			
PARALAUT	Paralauterborniella		count	Calculated	Mean			
PARALONG	Parahaustorius longimerus		count	Calculated	Mean			

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PARALUTE	<i>Parahesionia luteola</i>		count	Calculated	Mean			
PARAONID	Paraonidae		count	Calculated	Mean			
PARAPINN	<i>Paraprionospio pinnata</i>		count	Calculated	Mean			
PARAPYGO	<i>Paraonis pygoenigmatica</i>		count	Calculated	Mean			
PARASPEC	<i>Paranaitis speciosa</i>		count	Calculated	Mean			
PARATENU	<i>Paracaprella tenuis</i>		count	Calculated	Mean			
PAROCAEC	<i>Parougia caeca</i>		count	Calculated	Mean			
PARVMULT	<i>Parvilucina multilineata</i>		count	Calculated	Mean			
PECTGOUL	<i>Pectinaria gouldi</i>		count	Calculated	Mean			
PECTINAR	<i>Pectinaria</i>		count	Calculated	Mean			
PETRPVOL	<i>Petricola pholadiformis</i>		count	Calculated	Mean			
PHERAFFI	<i>Pherusa affinis</i>		count	Calculated	Mean			
PHERUSA	<i>Pherusa</i>		count	Calculated	Mean			
PHOLMINU	<i>Pholoe minuta</i>		count	Calculated	Mean			
PHORONIS	<i>Phoronis</i>		count	Calculated	Mean			
PHOTDENT	<i>Photis dentata</i>		count	Calculated	Mean			
PHOTPOLL	<i>Photis pollex</i>		count	Calculated	Mean			
PHOTPUGN	<i>Photis pugnator</i>		count	Calculated	Mean			
PHOXHOLB	<i>Phoxocephalus holbolli</i>		count	Calculated	Mean			
PHYLAREN	<i>Phyllodoce arenae</i>		count	Calculated	Mean			
PHYLDCDE	Phyllodoceidae		count	Calculated	Mean			
PHYLLODO	<i>Phyllodoce</i>		count	Calculated	Mean			
PHYLMUCO	<i>Phyllodoce mucosa</i>		count	Calculated	Mean			
PHYSELLA	<i>Physella</i>		count	Calculated	Mean			

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PILARGID	Pilargidae		count	Calculated	Mean			
PINNCHAE	Pinnixa chaetoptera		count	Calculated	Mean			
PINNIXA	Pinnixa		count	Calculated	Mean			
PINNSAYA	Pinnixa sayana		count	Calculated	Mean			
PISIDIUM	Pisidium		count	Calculated	Mean			
PISIREMO	Pisione remota		count	Calculated	Mean			
PISTCRIS	Pista cristata		count	Calculated	Mean			
PITAMORR	Pitar morrhuanus		count	Calculated	Mean			
PLEUINER	Pleurogonium inerme		count	Calculated	Mean			
PLEUSPIN	Pleurogonium spinosissimum		count	Calculated	Mean			
PODALEVI	Podarkeopsis levifuscina		count	Calculated	Mean			
PODAOBSC	Podarke obscura		count	Calculated	Mean			
POLIHERO	Polinices heros		count	Calculated	Mean			
POLYAGGR	Polydora aggregata		count	Calculated	Mean			
POLYCAUL	Polydora caulleryi		count	Calculated	Mean			
POLYCHAE	Polychaeta		count	Calculated	Mean			
POLYCIRR	Polycirrus		count	Calculated	Mean			
POLYCORN	Polydora cornuta		count	Calculated	Mean			
POLYDORA	Polydora		count	Calculated	Mean			
POLYGIBB	Polyonyx gibbesi		count	Calculated	Mean			
POLYGORD	Polygordius		count	Calculated	Mean			
POLYNOID	Polynoidae		count	Calculated	Mean			
POLYPEDI	Polypedilum		count	Calculated	Mean			
POLYPLAC	Polyplacophora		count	Calculated	Mean			

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POLYQUAD	Polydora quadrilobata		count	Calculated	Mean			
POLYSOCI	Polydora socialis		count	Calculated	Mean			
POLYWEBS	Polydora websteri		count	Calculated	Mean			
PORTUNID	Portunidae		count	Calculated	Mean			
PRIOHETE	Prionospio heterobranchia		count	Calculated	Mean			
PRIONOSP	Prionospio		count	Calculated	Mean			
PRIOPERK	Prionospio perkinsi		count	Calculated	Mean			
PRIOSTEE	Prionospio steenstrupi		count	Calculated	Mean			
PROBEZZI	Probezzia		count	Calculated	Mean			
PROCCORN	Proceraea cornuta		count	Calculated	Mean			
PROCHOLO	Procladius	sp.1	count	Actual	Mean			
PROCLADI	Procladius	sp.2	count	Calculated	Mean			
PROTDEIC	Protohaustorius deichmannae		count	Calculated	Mean			
PROTWIGL	Protohaustorius wigleyi		count	Calculated	Mean			
PSEUBORE	Pseudohaustorius borealis		count	Calculated	Mean			
PSEUCARO	Pseudohaustorius caroliniensis		count	Calculated	Mean			
PSEUOBLI	Pseudunciola obliqua		count	Calculated	Mean			
PSEUPAUC	Pseudeurythoe paucibranchiata		count	Calculated	Mean			
PSEURENI	Pseudopotamilla reniformis		count	Calculated	Mean			
PTILTENU	Ptilanthura tenuis		count	Calculated	Mean			
PYCNOGON	Pycnogonida		count	Calculated	Mean			
PYGOELEG	Pygospio elegans		count	Calculated	Mean			
PYRAMIDE	Pyramidellidae		count	Calculated	Mean			
QUISMULT	Quistradriulus multisetosus		count	Calculated	Mean			

Characteristic Group Details

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EMAP-CS

Environmental Monitoring and Assessment Program

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
RANGCUNE	Rangia cuneata		count	Calculated	Mean			
RHEOTANY	Rheotanytarsus		count	Calculated	Mean			
RHEPEPIS	Rhepoxynius epistomus		count	Calculated	Mean			
RHEPHUDS	Rhepoxynius hudsoni		count	Calculated	Mean			
RHITHARR	Rhithropanopeus harrisi		count	Calculated	Mean			
SABELLID	Sabellidae		count	Calculated	Mean			
SABEVULG	Sabellaria vulgaris		count	Calculated	Mean			
SACCKOWA	Saccoglossus kowalevskii		count	Calculated	Mean			
SAYECHES	Sayella chesapeakea		count	Calculated	Mean			
SCALINFL	Scalibregma inflatum		count	Calculated	Mean			
SCAPHFAM	Scaphandridae		count	Calculated	Mean			
SCOLBOUS	Scolecopsis bousfieldi		count	Calculated	Mean			
SCOLCAPE	Scoloplos capensis		count	Calculated	Mean			
SCOLELEP	Scolecopsis		count	Calculated	Mean			
SCOLRUBR	Scoloplos rubra		count	Calculated	Mean			
SCOLSQUA	Scolecopsis squamata		count	Calculated	Mean			
SCOLTEXA	Scolecopsis texana		count	Calculated	Mean			
SIGAAREN	Sigalion arenicola		count	Calculated	Mean			
SIGABASS	Sigambra bassi		count	Calculated	Mean			
SIGALION	Sigalionidae		count	Calculated	Mean			
SIGATENT	Sigambra tentaculata		count	Calculated	Mean			
SIPUNCUL	Sipuncula		count	Calculated	Mean			
SOLECFAM	Solecurtidae		count	Calculated	Mean			
SOLEVELU	Solemya velum		count	Calculated	Mean			

Characteristic Group Details

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Environmental Monitoring and Assessment Program

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
SPECJOSI	Specaria josinae		count	Calculated	Mean			
SPHATAYL	Sphaerosyllis taylori		count	Calculated	Mean			
SPIOBOMB	Spiophanes bombyx		count	Calculated	Mean			
SPIOCOST	Spiochaetopterus costarum		count	Calculated	Mean			
SPIOFILI	Spio filicornis		count	Calculated	Mean			
SPIOLIMI	Spio limicola		count	Calculated	Mean			
SPIONIDA	Spionidae		count	Actual	Mean			
SPIOSETO	Spio setosa		count	Calculated	Mean			
SPIRORBI	Spirorbis		count	Calculated	Mean			
SPISSOLI	Spisula solidissima		count	Calculated	Mean			
SQUIEMPU	Squilla empusa		count	Calculated	Mean			
STENBOA	Sthenelais boa		count	Calculated	Mean			
STENELAI	Sthenelais		count	Calculated	Mean			
STENELMI	Stenelmis		count	Calculated	Mean			
STENINER	Stenopleustes inermis		count	Calculated	Mean			
STENMINU	Stenothoe minuta		count	Calculated	Mean			
STENOTHO	Stenothoe		count	Calculated	Mean			
STENVALI	Stenothoe valida		count	Calculated	Mean			
STEPTRIV	Stephensoniana trivandrana		count	Calculated	Mean			
STERSCUT	Sternaspis scutata		count	Calculated	Mean			
STHELIMI	Sthenelais limicola		count	Calculated	Mean			
STICDEVI	Stictochironomus devinctus		count	Calculated	Mean			
STICTOCH	Stictochironomus		count	Calculated	Mean			
STREAREN	Streptosyllis arenae		count	Calculated	Mean			

Characteristic Group Details

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Environmental Monitoring and Assessment Program

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
STREBENE	Streblospio benedicti		count	Calculated	Mean			
STREPETT	Streptosyllis pettiboneae		count	Calculated	Mean			
SYLLCONV	Syllides convoluta		count	Calculated	Mean			
SYLLIDAE	Syllidae		count	Calculated	Mean			
SYNCAMER	Synchelidium americanum		count	Calculated	Mean			
TAGEDIVI	Tagelus divisus		count	Calculated	Mean			
TAGELUS	Tagelus		count	Calculated	Mean			
TAGEPLEB	Tagelus plebeius		count	Calculated	Mean			
TANAPSAM	Tanaissus psammophilus		count	Calculated	Mean			
TANYORBI	Tanystylum orbiculare		count	Calculated	Mean			
TANYPUS	Tanypus		count	Calculated	Mean			
TANYTARS	Tanytarsus		count	Calculated	Mean			
TANYTTRB	Tanytarsini		count	Calculated	Mean			
TELLAGIL	Tellina agilis		count	Calculated	Mean			
TELLINID	Tellinidae		count	Calculated	Mean			
TELMVEJD	Telmatodrilus vej dovskiy		count	Calculated	Mean			
TEREBELL	Terebellidae		count	Calculated	Mean			
TERESTRO	Terebellides stroemi		count	Calculated	Mean			
THALASSI	Thalassinidea		count	Calculated	Mean			
THARACUT	Tharyx acutus		count	Calculated	Mean			
THARSPA	Tharyx		count	Calculated	Mean			
TRAVSPEA	Travisia		count	Calculated	Mean			
TROCMULT	Trochochaeta multisetosa		count	Calculated	Mean			
TUBIFICO	Tubificoides		count	Calculated	Mean			

Characteristic Group Details

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EMAP-CS

Environmental Monitoring and Assessment Program

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
TUBIFIWI	Tubificidae		count	Calculated	Mean			
TUBIFIWO	Tubificidae	sp.2	count	Calculated	Mean			
TUBIHETE	Tubificoides heterochaetus		count	Calculated	Mean			
TURB?AEQ	Turbonilla aequalis		count	Calculated	Mean			
TURBELLA	Turbellaria		count	Calculated	Mean			
TURBINTE	Turbonilla interrupta		count	Calculated	Mean			
TURBONIL	Turbonilla		count	Calculated	Mean			
TURRIFAM	Turridae		count	Calculated	Mean			
TYPOALTE	Typosyllis alternata		count	Calculated	Mean			
UNCIDISS	Unciola dissimilis		count	Calculated	Mean			
UNCIINER	Unciola inermis		count	Calculated	Mean			
UNCIIRRO	Unciola irrorata		count	Calculated	Mean			
UNCIOLA	Unciola		count	Calculated	Mean			
UNCISERR	Unciola serrata		count	Calculated	Mean			
UNIONIDA	Unionidae		count	Calculated	Mean			
UPOGAFFI	Upogebia affinis		count	Calculated	Mean			
VALVSINC	Valvata sincera		count	Calculated	Mean			
XANTHIDA	Xanthidae		count	Calculated	Mean			
YOLDIA	Yoldia		count	Calculated	Mean			
YOLDLIMA	Yoldia limatula		count	Calculated	Mean			

Characteristic Group Details

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EPA_R7

US EPA Region 7

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat
ATEST	atest	Sample	Water						N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual						

Characteristic Group Details

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FLPRMRWS

Peace River Manasota Regional Water Supply Authority (FL)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
PR001	PR FIXED CHEM- EQL	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
CL	Chloride	mg/l	Dissolved	Actual					325.2	
COLOR	Color, True	PCU	Total	Actual					110.2	
DOC	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					5310-B	
IOC	Carbon, Total Inorganic	mg/l	Total	Actual					5310-B	
IRON	Iron	mg/l	Total	Actual					236.1	
N23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
NH3	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					350.1	
NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					NO2	
OP	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.2	
PHEOPH	Pheophytin-a	ug/l	Total	Actual					PHEOPHYTIN	
SI	Silica	mg/l	Dissolved	Actual					370.1	
TCOL	Total Coliform	#/100ml	Total	Actual					TCOL	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TN	Nitrogen ion (N)	mg/l	Total	Actual						
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TP	Phosphorus	mg/l	Total	Actual					365.4	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
TURB	Turbidity	NTU	Total	Actual					I-3860-85	
VSS	Solids, Volatile	mg/l	Non-filterable	Actual					160.4	

Characteristic Group Details

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FLPRMRWS **Peace River Manasota Regional Water Supply Authority (FL)**

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
Group ID PR002	Group Name PEACE RIVER FIXED SITES - USGS	Field Activity Sample	Medium Water	Intent	Community				Result Group	Habitat N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					I-2030-85	
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					CHLOROPHYL L A	
CHLB	Chlorophyll-b	mg/cm3	Total	Actual					CHLOROPHYL L B	
CHLC	Chlorophyll-c	mg/cm3	Total	Actual					CHLOROPHYL C	
CL	Chloride	mg/l	Dissolved	Actual					I-2057-84	
COLOR	Color, True	PCU	Total	Actual					I-1250-85	
DOC	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					DOC	
IOC	Carbon, Total Inorganic	mg/l	Total	Actual					O-0004-78	
IR	Iron	mg/l	Total	Actual					236.1	
N23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					I-4545-84	
NH3	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					I-4522-85	
OP	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					I-4601-84	
SI	Silica	mg/l	Dissolved	Actual					I-142-87	

Characteristic Group Details

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FLPRMRWS

Peace River Manasota Regional Water Supply Authority (FL)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					I-4552-84	
TN	Nitrogen ion (N)	mg/l	Total	Actual					353+351	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TP	Phosphorus	mg/l	Total	Actual					I-4600-84	
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					I-3765-84	
TURB	Turbidity	NTU	Total	Actual					I-3860-85	
VSS	Solids, Volatile	mg/l	Non-filterable	Actual					I-3767-85	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PR003	PEACE RIVER MOVING SITES	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					I-2030-85	
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
CHLACORR	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					445	
CHLB	Chlorophyll-b	ug/l	Total	Actual					10200-H	
CHLC	Chlorophyll-c	ug/l	Total	Actual					10200-H	
CL	Chloride	mg/l	Dissolved	Actual					I-2057-84	
COLOR	Color, True	PCU	Total	Actual					110.2	
DOC	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					5310-B	
IOC	Carbon, Total Inorganic	mg/l	Total	Actual					O-0004-78	
IR	Iron	ug/l	Total	Actual					200.7(W)	
N23	Nitrogen, Nitrite (NO2) + Nitrate	mg/l	Total	Actual					353.2	

Characteristic Group Details

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FLPRMRWS

Peace River Manasota Regional Water Supply Authority (FL)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NH3	(NO3) as N Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Total	Actual					I-4522-85	
OP	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.3	
SI	Silica	mg/l	Dissolved	Actual					370.1	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
TN	Nitrogen ion (N)	mg/l	Total	Actual					353+351	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TP	Phosphorus	mg/l	Total	Actual					I-4600-84	
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					160.2	
TURB	Turbidity	NTU	Total	Actual					I-3860-85	
VSS	Solids, Volatile	mg/l	Non-filterable	Actual					2540-G	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PRHL1	PEACE RIVER FIELD MEASUREMENTS	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual						
CONDB	Specific conductance	mS/cm		Actual						
CONDT	Specific conductance	mS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l		Actual						
DOB	Dissolved oxygen (DO)	mg/l		Actual						
DOT	Dissolved oxygen (DO)	mg/l		Actual						
LICOR	Light attenuation coefficient	None		Calculated					LICOR	
LIGHT10	Light attenuation, depth at 10%	m		Actual					LICOR	

Characteristic Group Details

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FLPRMRWS

Peace River Manasota Regional Water Supply Authority (FL)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LIGHT50	Light attenuation, depth at 50%	m		Actual					LICOR	
ORPB	Oxidation reduction potential (ORP)	volts		Actual						
ORPT	Oxidation reduction potential (ORP)	volts		Actual						
PH	pH	None		Actual						
PHB	pH	None		Actual						
PHT	pH	None		Actual						
SAL	Salinity	ppt		Actual						
TEMP	Temperature, water	deg C		Actual						
TEMPB	Temperature, water	deg C		Actual						
TEMPT	Temperature, water	deg C		Actual						

Characteristic Group Details

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FORTPECK

Assiniboine & Sioux Tribes Fort Peck Indian Reservation (MT)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FPTRBP	Fort Peck Tribes RBP	Field Msr/Obs					Y

Citations FPTQAPP - Fort Peck Tribes, unknown, Fort Peck Tribes Quality Assurance Project Plan, Fort Peck Tribes, unknown
Description RBP for use in wadeable streams and rivers within the boundaries of the Fort Peck Indian Reservation, northeastern Montana.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RBPRR/GP	RBP: Riffle/Run and Glide/Pool	Field Msr/Obs					Y

Citations FPTQAPP - Fort Peck Tribes, unknown, Fort Peck Tribes Quality Assurance Project Plan, Fort Peck Tribes, unknown
Description Combination of RBP_R/R and RBP_G/P

Characteristic Group Details

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FWC-SGMP

Florida Keys NMS - Seagrass Monitoring Program

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SGMP	Seagrass Monitoring Project	Field Msr/Obs					Y
Row ID	Characteristic Name	Description					
CGTA	Calcareous Green Abundance	Abundance of total calcareous green algae at sampling site. Values represented are Braun Blanquet scores. Abundance = sum of Braun-Blanquet scale values/total number of quadrats					
CGTD	Calcareous Green Density	Density of calcareous green algae at sample site. Values represented are Braun Blanquet scores. Density = sum of Braun-Blanquet scale values/total number of quadrats.					
CGTF	Calcareous Green Frequency	Frequency of calcareous green algae at sample site. Values are percentages represented between 0 and 1. Frequency = number of occupied quadrats/total number of quadrats					
HDA	Halophila decipiens Abundance	Halophila decipiens abundance at the sample site. Values represented are Braun Blanquet scores. Abundance = sum of Braun-Blanquet scale values/total number of quadrats					
HDD	Halophila decipiens Density	Halophila decipiens density at the sample site. Values represented are Braun Blanquet scores. Density = sum of Braun-Blanquet scale values/total number of quadrats					
HDF	Halophila decipiens Frequency	Halophila decipiens frequency at the sample site. Values are percentages represented between 0 and 1. Frequency = number of occupied quadrats/total number of quadrats					
HEA	Halo. engelmannii Abundance	Halophila engelmannii abundance at the sample site. Values represented are Braun Blanquet scores. Abundance = sum of Braun-Blanquet scale values/total number of quadrats					
HED	Halo. engelmannii Density	Halophila engelmannii density at the sample site. Values represented are Braun Blanquet scores. Density = sum of Braun-Blanquet scale values/total number of quadrats					
HEF	Halo. engelmannii Frequency	Halophila engelmannii frequency at the sample site. Values are percentages represented between 0 and 1. Frequency = number of occupied quadrats/total number of quadrats					
HWA	Halodule wrightii Abundance	Halodule wrightii abundance at the sample site. Values represented are Braun Blanquet scores. Abundance = sum of Braun-Blanquet scale values/total number of quadrats					
HWD	Halodule wrightii Density	Halodule wrightii density at the sample site. Values represented are Braun Blanquet scores. Density = sum of Braun-Blanquet scale values/total number of quadrats					
HWF	Halodule wrightii Frequency	Halodule wrightii frequency at the sample site. Values are percentages represented between 0 and 1. Frequency = number of occupied quadrats/total number of quadrats					
RICHNESS	Richness	A summation of seagrass richness for the five species of seagrass at a sample site. Values represented are Braun Blanquet scores. Abundance = sum of Braun-Blanquet scale values/total number of quadrats					

Characteristic Group Details

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FWC-SGMP

Florida Keys NMS - Seagrass Monitoring Program

Row ID	Characteristic Name	Description
SFA	Syring. filiforme Abundance	Syringodium abundance at the sample site. Values represented are Braun Blanquet scores. Abundance = sum of Braun-Blanquet scale values/total number of quadrats
SFD	Syring. filiforme Density	Syringodium density at the sample site. Values represented are Braun Blanquet scores. Density = sum of Braun-Blanquet scale values/total number of quadrats
SFF	Syring. filiforme Frequency	Syringodium frequency at the sample site. Values are percentages represented between 0 and 1. Frequency = number of occupied quadrats/total number of quadrats
TTA	Thalassia testudinum Abundance	Thalassia abundance at the sample site. Values represented are Braun Blanquet scores. Abundance = sum of Braun-Blanquet scale values/total number of quadrats
TTD	Thalassia testudinum Density	Thalassia density at the sample site. Values represented are Braun Blanquet scores. Density = sum of Braun-Blanquet scale values/total number of quadrats
TTF	Thalassia testudinum Frequency	Thalassia frequency at the sample site. Values are percentages represented between 0 and 1. Frequency = number of occupied quadrats/total number of quadrats

Characteristic Group Details

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FWC-WQMP Florida Keys NMS - Water Quality Monitoring Program

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ_FIELD	WQMP-Field Observations	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
%IO	Light attenuation at measurement depth	%		Actual						
%SAT-B	Dissolved oxygen saturation	%		Actual						
%SAT-S	Dissolved oxygen saturation	%		Actual						
DO-B	Dissolved oxygen (DO)	mg/l		Actual						
DO-S	Dissolved oxygen (DO)	mg/l		Actual						
DSIGT	Density	kg/m3		Actual						
KD	Light attenuation coefficient	None		Actual						
SAL-B	Salinity	PSS		Actual						
SAL-S	Salinity	ppth		Actual						
TEMP-B	Temperature, water	deg C		Actual						
TEMP-S	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ_LAB	WQMP-Lab Results	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
APA-B	Alkaline phosphatase	umol		Actual						
APA-S	Alkaline phosphatase	umol		Actual						
CHLA	Chlorophyll a (probe)	ug/l		Actual						
DIN-B	Nitrogen, inorganic	umol	Dissolved	Calculated						
DIN-S	Nitrogen, inorganic	umol	Dissolved	Calculated						
DIN:TP	Dissolved Inorganic Nitrogen/Total Phosphorus ratio	None	Total	Calculated					RATIO	

Characteristic Group Details

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FWC-WQMP

Florida Keys NMS - Water Quality Monitoring Program

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
N:P	Dissolv Inorganic Nitrogen/Soluble Reactive Phosphorus Ratio	None	Total	Calculated					RATIO	
NH4-B	Nitrogen, ammonium (NH4) as NH4	umol		Actual						
NH4-S	Nitrogen, ammonium (NH4) as NH4	umol		Actual						
NO2-B	Nitrogen, Nitrite (NO2) as NO2	umol		Actual						
NO2-S	Nitrogen, Nitrite (NO2) as NO2	umol		Actual						
NO3-B	Nitrogen, Nitrate (NO3) as NO3	umol		Calculated						
NO3-S	Nitrogen, Nitrate (NO3) as NO3	umol		Calculated						
NOX-B	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	umol		Actual						
NOX-S	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	umol		Actual						
SI-B	Silicate	umol	Total	Actual						
SI-S	Silicate	umol	Total	Actual						
SI:DIN	Silicate / Dissolved Inorganic Nitrogen Ratio	None	Total	Calculated					RATIO	
SRP-B	Soluble Reactive Phosphorus (SRP)	umol	Total	Actual					SRP	
SRP-S	Soluble Reactive Phosphorus (SRP)	umol	Total	Actual					SRP	
TN-B	Nitrogen ion (N)	umol	Total	Actual						
TN-S	Nitrogen ion (N)	umol	Total	Actual						
TN:TP	Total Nitrogen/Total Phosphorus Ratio (TN:TP)	None	Total	Calculated					RATIO	
TOC-B	Carbon, organic	umol	Total	Actual					TOC	
TOC-S	Carbon, organic	umol	Total	Actual					TOC	
TON-B	Nitrogen, organic	umol	Total	Calculated						

Characteristic Group Details

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FWC-WQMP

Florida Keys NMS - Water Quality Monitoring Program

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TON-S	Nitrogen, organic	umol	Total	Calculated						
TP-B	Phosphorus	umol	Total	Actual						
TP-S	Phosphorus	umol	Total	Actual						
TURB-B	Turbidity	NTU		Actual						
TURB-S	Turbidity	NTU		Actual						

Characteristic Group Details

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FWC/FWRI Fish Wildlife Conservation / Wildlife Research Institute(FL)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CREMP	Generic Classifications	Field Msr/Obs					Y
Row ID	Characteristic Name	Description					
CORAL_COVER	Stony Coral Cover	This value is a summation of all the stony coral coverage values.					
MACROALGAE	Macroalgae	Values represent percent cover. Macroalgae is a generic classification for some submerged aquatic vegetation. Macroalgae are not plants or animals, but protists. Macroalgae produce spores and are relatively simple and unspecialized. Holdfasts anchor plants to a hard surface and do not possess roots extending below the surface. Macroalgae also use diffusion to extract nutrients from the water. Some species include Caulerpa and Halimeda.					
OTHER_BIOTA	Other Biota	Values represent percent cover. This characteristic refers to anything else that does not fall into the categories of seagrass, macroalgae, or substrate. Other biota can include sea anemones, crabs, and fish.					
SEAGRASS	Seagrass	Values represent percent cover. Seagrass is a generic classification for some submerged aquatic vegetation. Seagrasses have separate sexes; produce flowers, fruits, and seeds; and evolved from terrestrial plants and have tissues that are specialized for certain tasks. Seagrasses also possess roots, leaves, and underground stems called rhizomes that hold plants in place; use roots and rhizomes to extract nutrients from the sediment; use leaves for extracting nutrients from the water; and are categorized as vascular, with a network of xylem and phloem that transport nutrients and dissolved gases throughout the plant. Some species include: Thalassia testudinum, Syringodium filiforme, Halophila engelmannii, Halophila decipiens, and Halodule wrightii.					
SUBSTRATE	Substrate	Values represent percent cover. This classification includes non-biological bottom types. These include sand and crushed coral/shell.					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
TEST	CREMP TEST	Sample	Soil				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MACROALGAE	Substrate - submerged vegetation cover	% Cover		Calculated					CREMP	
SEAGRASS	Substrate - submerged vegetation cover	% Cover		Calculated						
SUBSTRATE	Substrate - sand	% Cover		Actual						

Characteristic Group Details

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FWC/FWRI

Fish Wildlife Conservation / Wildlife Research Institute(FL)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEST2	CREMP TEST2	Sample	Biological	Individual			N

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FWCLOCAL

Florida Fish and Wildlife Conservation Commission (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					2320	
10	Dissolved oxygen (DO)	mg/l		Actual					4500-O-B	
11	Oxidation reduction potential (ORP)	mV		Actual					2580	
12	Depth, Secchi Disk Depth (Choice List)								STATION OBS	
2	Depth, bottom	m		Actual					STATION OBS	
3	Dissolved oxygen (DO)	mg/l		Actual					4500-O-G	
4	pH	None		Actual					4500-H	
5	Depth, Secchi Disk Depth	m		Actual					STATION OBS	
6	Specific conductance	umho/cm		Actual				25 Deg C	2510	
7	Temperature, water	deg C		Actual					2550	
8	General Observation (text)									
9	Specific conductance	umho/cm		Actual					2510	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	Water Chemistry - Biochemical	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Chlorophyll a, corrected for pheophytin	mg/l		Actual					10200-H	
2	Chlorophyll/Pheophytin ratio	mg/l		Actual					10200-H	
3	Pheophytin-a	mg/l		Actual					10200-H	

Characteristic Group Details

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Florida Fish and Wildlife Conservation Commission (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-003	Water Chemistry - Inorganic	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					310.1	
2	Chloride	mg/l	Total	Actual					9212	
3	Fluorides	mg/l	Total	Actual					4500-F-C	
4	Hardness, carbonate	mg/l		Actual					2340-B	
5	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					375.4	
6	Tannin and Lignin	mg/l		Actual					5550-B	
7	Solids, Total	mg/l		Actual					2540-B	
8	Turbidity	NTU		Actual					2130	
9	Turbidity	None		Actual					SPEC TURBIDITY	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CG-004	Water Chemistry - Total Metals	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Calcium	mg/l	Total	Actual					3111-B	
2	Iron	mg/l	Total	Actual					3500-FE(D)	
3	Magnesium	mg/l	Total	Actual					3111-B	
4	Potassium	mg/l	Total	Actual					3111-B	
5	Sodium	mg/l	Total	Actual					3111-B	

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FWCLOCAL

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-005	Water Chemistry - Nutrients	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					419-D	
10	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					4500-NH3-B,C	4500-NH3(B)
2	Nitrogen, ammonia as N	mg/l	Total	Actual					4500-NH3-B,C	4500-NH3(B)
3	Nitrogen, organic	mg/l		Actual					4500-NORG-B	
4	Nitrogen, Kjeldahl	mg/l		Actual					4500-NOR(B)	
5	Phosphorus as P	ug/l		Actual					4500-P-D	4500-P-B(5)
6	Phosphorus as PO4	mg/l		Actual					4500-P-D	4500-P-B(5)
7	Phosphorus, orthophosphate as P	ug/l		Actual					4500-P-D	4500-P-B(1)
8	Phosphorus, orthophosphate as PO4	mg/l		Actual					4500-P-D	4500-P-B(5)
9	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					419-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-006	Station Weather Observations	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, air	deg C		Actual					STATION WEATHER	
2	Temperature, air	deg F		Actual					STATION WEATHER	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
BIOACC1	Bioaccumulation, Priority Poll	Sample	Biological	Tissue					N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
201	Antimony	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
202	Arsenic	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
203	Beryllium	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
204	Cadmium	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
205	Chromium	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
206	Copper	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
207	Lead	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
208	Mercury	mg/kg	Total	Actual		Wet			CVAA SOLIDS	
209	Molybdenum	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
210	Nickel	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
211	Selenium	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
212	Silver	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
213	Thallium	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
214	Zinc	mg/kg	Total	Actual		Wet			ICP-AES SOLIDS	
215	Acrolein	ug/kg	Total	Actual		Wet			1624(S)	
216	Acrylonitrile	ug/kg	Total	Actual		Wet			1624(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
217	Benzene	ug/kg	Total	Actual		Wet			1624(S)	
218	Dichlorobromomethane	ug/kg	Total	Actual		Wet			1624(S)	
219	Bromoform	ug/kg	Total	Actual		Wet			1624(S)	
220	Methyl bromide	ug/kg	Total	Actual		Wet			1624(S)	
221	Carbon tetrachloride	ug/kg	Total	Actual		Wet			1624(S)	
222	Chlorobenzene	ug/kg	Total	Actual		Wet			1624(S)	
223	Chloroethane	ug/kg	Total	Actual		Wet			1624(S)	
224	2-Chloroethyl vinyl ether	ug/kg	Total	Actual		Wet			1624(S)	
225	Chloroform	ug/kg	Total	Actual		Wet			1624(S)	
226	Methyl chloride	ug/kg	Total	Actual		Wet			1624(S)	
227	Chlorodibromomethane	ug/kg	Total	Actual		Wet			1624(S)	
228	Dichloroethane, 1,1-	ug/kg	Total	Actual		Wet			1624(S)	
229	Dichloroethane, 1,2-	ug/kg	Total	Actual		Wet			1624(S)	
230	1,1-Dichloroethylene	ug/kg	Total	Actual		Wet			1624(S)	
231	trans-1,2-Dichloroethylene	ug/kg	Total	Actual		Wet			1624(S)	
232	Dichloropropane, 1,2-	ug/kg	Total	Actual		Wet			1624(S)	
233	cis-1,3-Dichloropropene	ug/kg	Total	Actual		Wet			1624(S)	
234	trans-1,3-Dichloropropene	ug/kg	Total	Actual		Wet			1624(S)	
235	Ethylbenzene	ug/kg	Total	Actual		Wet			1624(S)	
236	Dichloromethane	ug/kg	Total	Actual		Wet			1624(S)	
237	Tetrachloroethane, 1,1,2,2-	ug/kg	Total	Actual		Wet			1624(S)	
238	Tetrachloroethylene	ug/kg	Total	Actual		Wet			1624(S)	
239	Toluene	ug/kg	Total	Actual		Wet			1624(S)	
240	Trichloroethane, 1,1,1-	ug/kg	Total	Actual		Wet			1624(S)	
241	Trichloroethane, 1,1,2-	ug/kg	Total	Actual		Wet			1624(S)	
242	Trichloroethylene	ug/kg	Total	Actual		Wet			1624(S)	
243	Vinyl chloride	ug/kg	Total	Actual		Wet			1624(S)	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
244	Acenaphthene	ug/kg	Total	Actual		Wet			1625(S)	
245	Acenaphthylene	ug/kg	Total	Actual		Wet			1625(S)	
246	Anthracene	ug/kg	Total	Actual		Wet			1625(S)	
247	Benzidine	ug/kg	Total	Actual		Wet			1625(S)	
248	Benzo[a]anthracene	ug/kg	Total	Actual		Wet			1625(S)	
249	Benzo[b]fluoranthene	ug/kg	Total	Actual		Wet			1625(S)	
250	Benzo[k]fluoranthene	ug/kg	Total	Actual		Wet			1625(S)	
251	Benzo[g,h,i]perylene	ug/kg	Total	Actual		Wet			1625(S)	
252	Benzo[a]pyrene	ug/kg	Total	Actual		Wet			1625(S)	
253	bis(2-chloroethoxy) methane	ug/kg	Total	Actual		Wet			1625(S)	
254	bis(2-chloroethyl) ether	ug/kg	Total	Actual		Wet			1625(S)	
255	Bis(2-chloroisopropyl) ether	ug/kg	Total	Actual		Wet			1625(S)	
256	bis(2-ethylhexyl) phthalate (DEHP)	ug/kg	Total	Actual		Wet			1625(S)	
257	Bromophenyl-4 phenyl ether	ug/kg	Total	Actual		Wet			1625(S)	
258	Butyl benzyl phthalate	ug/kg	Total	Actual		Wet			1625(S)	
259	Chloronaphthalene-2	ug/kg	Total	Actual		Wet			1625(S)	
260	Chlorophenyl-4 phenyl ether	ug/kg	Total	Actual		Wet			1625(S)	
261	Chrysenes C1-C4	ug/kg	Total	Actual		Wet			1625(S)	
262	Dibenzo[a,h]anthracene	ug/kg	Total	Actual		Wet			1625(S)	
263	1,2-Dichlorobenzene	ug/kg	Total	Actual		Wet			1625(S)	
264	1,3-Dichlorobenzene	ug/kg	Total	Actual		Wet			1625(S)	
265	1,4-Dichlorobenzene	ug/kg	Total	Actual		Wet			1625(S)	
266	Dichlorobenzidine, 3,3'-	ug/kg	Total	Actual		Wet			1625(S)	
267	Diethyl phthalate	ug/kg	Total	Actual		Wet			1625(S)	
268	Dimethyl phthalate	ug/kg	Total	Actual		Wet			1625(S)	
269	2,4-Dinitrotoluene	ug/kg	Total	Actual		Wet			1625(S)	

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
270	2,6-Dinitrotoluene	ug/kg	Total	Actual		Wet			1625(S)	
271	Dibutyl phthalate	ug/kg	Total	Actual		Wet			1625(S)	
272	bis(n-octyl) Phthalate	ug/kg	Total	Actual		Wet			1625(S)	
273	Diphenylhydrazine, 1,2-	ug/kg	Total	Actual		Wet			1625(S)	
274	Fluoranthenes, C1-C4	ug/kg	Total	Actual		Wet			1625(S)	
275	Fluorenes, C1-C3	ug/kg	Total	Actual		Wet			1625(S)	
276	Hexachlorobenzene	ug/kg	Total	Actual		Wet			1625(S)	
277	Hexachlorobutadiene	ug/kg	Total	Actual		Wet			1625(S)	
278	Hexachlorocyclopentadiene	ug/kg	Total	Actual		Wet			1625(S)	
279	Hexachloroethane	ug/kg	Total	Actual		Wet			1625(S)	
280	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual		Wet			1625(S)	
281	Isophorone	ug/kg	Total	Actual		Wet			1625(S)	
282	Naphthalene	ug/kg	Total	Actual		Wet			1625(S)	
283	nitro-Benzene	ug/kg	Total	Actual		Wet			1625(S)	
284	Nitrosodimethylamine, n-	ug/kg	Total	Actual		Wet			1625(S)	
285	n-Nitrosodiphenylamine	ug/kg	Total	Actual		Wet			1625(S)	
286	n-Nitrosodipropylamine	ug/kg	Total	Actual		Wet			1625(S)	
287	Phenanthrenes, C1-C4	ug/kg	Total	Actual		Wet			1625(S)	
288	Pyrene	ug/kg	Total	Actual		Wet			1625(S)	
289	1,2,4-Trichlorobenzene	ug/kg	Total	Actual		Wet			1625(S)	
290	Chlorophenol-2	ug/kg	Total	Actual		Wet			1625(S)	
291	4-Chloro-3-methylphenol	ug/kg	Total	Actual		Wet			1625(S)	
292	2,4-Dichlorophenol	ug/kg	Total	Actual		Wet			1625(S)	
293	2,4-Dimethylphenol	ug/kg	Total	Actual		Wet			1625(S)	
294	Dinitrophenol, 2,4-	ug/kg	Total	Actual		Wet			1625(S)	
295	Dinitro-o-cresol	ug/kg	Total	Actual		Wet			1625(S)	
296	Nitrophenol, 2-	ug/kg	Total	Actual		Wet			1625(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
297	p-Nitrophenol	ug/kg	Total	Actual		Wet			1625(S)	
298	Pentachlorophenol (PCP)	ug/kg	Total	Actual		Wet			1625(S)	
299	Phenol	ug/kg	Total	Actual		Wet			1625(S)	
300	2,4,6-Trichlorophenol (TCPh)	ug/kg	Total	Actual		Wet			1625(S)	
301	Aldrin	ug/kg	Total	Actual		Wet			8081A(SWB)	
302	BHC-alpha	ug/kg	Total	Actual		Wet			8081A(SWB)	
303	BHC-beta	ug/kg	Total	Actual		Wet			8081A(SWB)	
304	BHC-delta	ug/kg	Total	Actual		Wet			8081A(SWB)	
305	BHC-gamma (Lindane)	ug/kg	Total	Actual		Wet			8081A(SWB)	
306	Chlordane	ug/kg	Total	Actual		Wet			8081A(SWB)	
307	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual		Wet			8081A(SWB)	
308	DDE ***retired*** (use DDE, p,p')	ug/kg	Total	Actual		Wet			8081A(SWB)	
309	DDT ***retired*** (use DDT, p,p')	ug/kg	Total	Actual		Wet			8081A(SWB)	
310	Dieldrin	ug/kg	Total	Actual		Wet			8081A(SWB)	
311	Endosulfan, alpha-	ug/kg	Total	Actual		Wet			8081A(SWB)	
312	Endosulfan, beta-	ug/kg	Total	Actual		Wet			8081A(SWB)	
313	Endosulfan Sulfate	ug/kg	Total	Actual		Wet			8081A(SWB)	
314	Endrin	ug/kg	Total	Actual		Wet			8081A(SWB)	
315	Endrin Aldehyde	ug/kg	Total	Actual		Wet			8081A(SWB)	
316	Heptachlor	ug/kg	Total	Actual		Wet			8081A(SWB)	
317	Heptachlor epoxide	ug/kg	Total	Actual		Wet			8081A(SWB)	
318	Methoxychlor	ug/kg	Total	Actual		Wet			8081A(SWB)	
319	Mirex	ug/kg	Total	Actual		Wet			8081A(SWB)	
320	Toxaphene	ug/kg	Total	Actual		Wet			8081A(SWB)	
321	Pcb-aroclor 1016	ug/kg	Total	Actual		Wet			8082(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
322	Pcb-aroclor 1221	ug/kg	Total	Actual		Wet			8082(S)	
323	Pcb-aroclor 1232	ug/kg	Total	Actual		Wet			8082(S)	
324	Pcb-aroclor 1242	ug/kg	Total	Actual		Wet			8082(S)	
325	Pcb-aroclor 1248	ug/kg	Total	Actual		Wet			8082(S)	
326	Pcb-aroclor 1254	ug/kg	Total	Actual		Wet			8082(S)	
327	Pcb-aroclor 1260	ug/kg	Total	Actual		Wet			8082(S)	
328	Azinphos-methyl	ug/kg	Total	Actual		Wet			8141A(S)	
329	Demeton	ug/kg	Total	Actual		Wet			8141A(S)	
330	Malathion	ug/kg	Total	Actual		Wet			8141A(S)	
331	Parathion	ug/kg	Total	Actual		Wet			8141A(S)	
332	Cyanide	mg/kg	Total	Actual		Wet			335.2_M(S)	
333	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	ng/kg	Total	Actual		Wet			8290	
334	Solids, Total	% by wt	Total	Actual					PERCENT SOLIDS	
335	Lipids (unspecified mix)	% by wt	Total	Actual					PERCENT LIPIDS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIOACC2	Bioaccumulation, NOAA Analytes	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Arsenic	mg/kg	Total	Actual		Wet			200.8(S)	
002	Mercury	mg/kg	Total	Actual		Wet			7471A	
003	Naphthalene	ug/kg	Total	Actual		Wet			8270C(S)	
004	Dimethylnaphthalene, 2,6-	ug/kg	Total	Actual		Wet			8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
005	Acenaphthylene	ug/kg	Total	Actual		Wet			8270C(S)	
006	Acenaphthene	ug/kg	Total	Actual		Wet			8270C(S)	
007	2,3,5-Trimethylnaphthalene	ug/kg	Total	Actual		Wet			8270C(S)	
008	Fluorenes, C1-C3	ug/kg	Total	Actual		Wet			8270C(S)	
009	Phenanthrenes, C1-C4	ug/kg	Total	Actual		Wet			8270C(S)	
010	Anthracene	ug/kg	Total	Actual		Wet			8270C(S)	
011	Methylphenanthrene, 1-	ug/kg	Total	Actual		Wet			8270C(S)	
012	Fluoranthenes, C1-C4	ug/kg	Total	Actual		Wet			8270C(S)	
013	Pyrene	ug/kg	Total	Actual		Wet			8270C(S)	
014	Benzo[a]anthracene	ug/kg	Total	Actual		Wet			8270C(S)	
015	Chrysenes C1-C4	ug/kg	Total	Actual		Wet			8270C(S)	
016	Benzo[b]fluoranthene	ug/kg	Total	Actual		Wet			8270C(S)	
017	Benzo[k]fluoranthene	ug/kg	Total	Actual		Wet			8270C(S)	
018	Benzo(e)pyrene	ug/kg	Total	Actual		Wet			8270C(S)	
019	Benzo[a]pyrene	ug/kg	Total	Actual		Wet			8270C(S)	
020	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual		Wet			8270C(S)	
021	Dibenzo[a,h]anthracene	ug/kg	Total	Actual		Wet			8270C(S)	
022	Benzo[g,h,i]perylene	ug/kg	Total	Actual		Wet			8270C(S)	
023	Perylene	ug/kg	Total	Actual		Wet			8270C(S)	
024	Biphenyl	ug/kg	Total	Actual		Wet			8270C(S)	
025	Hexachlorobenzene	ug/kg	Total	Actual		Wet			8081A(SWB)	
026	BHC-gamma (Lindane)	ug/kg	Total	Actual		Wet			8081A(SWB)	
027	Heptachlor	ug/kg	Total	Actual		Wet			8081A(SWB)	
028	Aldrin	ug/kg	Total	Actual		Wet			8081A(SWB)	
029	Heptachlor epoxide	ug/kg	Total	Actual		Wet			8081A(SWB)	
030	Chlordane, cis	ug/kg	Total	Actual		Wet			8081A(SWB)	
031	Dieldrin	ug/kg	Total	Actual		Wet			8081A(SWB)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
032	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual		Wet			8081A(SWB)	
033	Endrin	ug/kg	Total	Actual		Wet			8081A(SWB)	
034	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual		Wet			8081A(SWB)	
035	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual		Wet			8081A(SWB)	
036	Nonachlor, trans-	ug/kg	Total	Actual		Wet			8081A(SWB)	
037	Mirex	ug/kg	Total	Actual		Wet			8081A(SWB)	
038	DDE, o,p'-	ug/kg	Total	Actual		Wet			8081A(SWB)	
039	DDD, o,p'-	ug/kg	Total	Actual		Wet			8081A(SWB)	
040	DDT,o,p'-	ug/kg	Total	Actual		Wet			8081A(SWB)	
041	PCB-008	ug/kg	Total	Actual		Wet			8082(S)	
042	PCB-018	ug/kg	Total	Actual		Wet			8082(S)	
043	PCB-028	ug/kg	Total	Actual		Wet			8082(S)	
044	PCB-044	ug/kg	Total	Actual		Wet			8082(S)	
045	PCB-049	ug/kg	Total	Actual		Wet			8082(S)	
046	PCB-052	ug/kg	Total	Actual		Wet			8082(S)	
047	PCB-066	ug/kg	Total	Actual		Wet			8082(S)	
048	PCB-070	ug/kg	Total	Actual		Wet			8082(S)	
049	PCB-074	ug/kg	Total	Actual		Wet			8082(S)	
050	PCB-087	ug/kg	Total	Actual		Wet			8082(S)	
051	PCB-099	ug/kg	Total	Actual		Wet			8082(S)	
052	Pcb-101	ug/kg	Total	Actual		Wet			8082(S)	
053	Pcb-110	ug/kg	Total	Actual		Wet			8082(S)	
054	Pcb-114	ug/kg	Total	Actual		Wet			8082(S)	
055	Pcb-123	ug/kg	Total	Actual		Wet			8082(S)	
056	Pcb-138	ug/kg	Total	Actual		Wet			8082(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
057	Pcb-149	ug/kg	Total	Actual		Wet			8082(S)	
058	Pcb-151	ug/kg	Total	Actual		Wet			8082(S)	
059	Pcb-153	ug/kg	Total	Actual		Wet			8082(S)	
060	Pcb-156	ug/kg	Total	Actual		Wet			8082(S)	
061	Pcb-167	ug/kg	Total	Actual		Wet			8082(S)	
062	Pcb-168	ug/kg	Total	Actual		Wet			8082(S)	
063	Pcb-170	ug/kg	Total	Actual		Wet			8082(S)	
064	Pcb-177	ug/kg	Total	Actual		Wet			8082(S)	
065	Pcb-180	ug/kg	Total	Actual		Wet			8082(S)	
066	Pcb-183	ug/kg	Total	Actual		Wet			8082(S)	
067	Pcb-187	ug/kg	Total	Actual		Wet			8082(S)	
068	Pcb-189	ug/kg	Total	Actual		Wet			8082(S)	
069	Pcb-194	ug/kg	Total	Actual		Wet			8082(S)	
070	Pcb-195	ug/kg	Total	Actual		Wet			8082(S)	
071	Pcb-201	ug/kg	Total	Actual		Wet			8082(S)	
072	Pcb-206	ug/kg	Total	Actual		Wet			8082(S)	
073	Pcb-209	ug/kg	Total	Actual		Wet			8082(S)	
074	PCB-037	ug/kg	Total	Actual		Wet			8082(S)	
075	PCB- 077	ug/kg	Total	Actual		Wet			8082(S)	
076	PCB-081	ug/kg	Total	Actual		Wet			8082(S)	
077	Pcb-105	ug/kg	Total	Actual		Wet			8082(S)	
078	Pcb-118	ug/kg	Total	Actual		Wet			8082(S)	
079	Pcb-119	ug/kg	Total	Actual		Wet			8082(S)	
080	Pcb-126	ug/kg	Total	Actual		Wet			8082(S)	
081	Pcb-128	ug/kg	Total	Actual		Wet			8082(S)	
082	Pcb-157	ug/kg	Total	Actual		Wet			8082(S)	
083	Pcb-158	ug/kg	Total	Actual		Wet			8082(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
084	Pcb-169	ug/kg	Total	Actual		Wet			8082(S)	
085	Solids, Total	% by wt	Total	Actual					PERCENT SOLIDS	
086	Lipids (unspecified mix)	% by wt	Total	Actual					PERCENT LIPIDS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIOACCME	Bioaccumulation sizing	Sample	Biological	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FISHLLENGTH	Length, Total (Fish)	cm		Actual						
FISHWEIGHT	Weight	g		Actual						
OBS	General Observation (text)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RW-CTD	receiving water profiler	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CTD-DO	Dissolved oxygen (DO)	mg/l	Total	Actual					CTD	
CTD-PH	pH	None	Total	Actual					CTD	
CTD-SALINITY	Salinity	PSS	Total	Actual					CTD	
CTD-TEMP	Temperature, water	deg C		Actual					CTD	
DEPTH	Depth, data-logger (non-ported)	m		Actual					CTD	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RW-LAB	receiving water lab analyses	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
RW-AM	Nitrogen, ammonia as N	ug/l	Total	Actual					350.1	
RW-CH	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					445	
RW-EN	Enterococcus Group Bacteria	cfu/100ml	Total	Actual					ENT	
RW-EN-T	Enterococcus Group Bacteria	#/100ml	Total	Actual					9230-C	
RW-FC	Fecal Coliform	#/100ml	Total	Actual					9222-D	
RW-HEM	Oil and Grease	mg/l	Total	Actual					1664	SPE
RW-NN	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	ug/l	Total	Actual					335.2	
RW-TN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	ug/l	Total	Actual					353.2	PERSULF DIG
RW-TP	Phosphorus as P	ug/l	Total	Actual					365.4	
RW-TU	Turbidity	NTU	Total	Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RW-OBS	receiving water observations	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SECCHI	Depth, Secchi Disk Depth	ft		Actual						
WAVEHT	Wave height	m		Actual						
WEATHER	Weather Comments (text)									
WINDDIR	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
WINDSP	Wind velocity	mph		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEARCH	search	Sample	Biological	Individual			N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SED1	Sediment analyses, routine	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ORP	Oxidation reduction potential (ORP)	mV	Total	Actual					PLUMB	
PHI+1TO+2	Substrate - sand, medium	% by wt		Calculated		Dry Particle Size Basis	Phi 1 to 2		PLUMB	
PHI+2TO+3	Substrate - sand, fine	% by wt		Calculated		Dry Particle Size Basis	Phi 2 to 3		PLUMB	
PHI+3TO+4	Substrate - sand, very fine	% by wt		Calculated		Dry Particle Size Basis	Phi 3 to 4		PLUMB	
PHI-1TO0	Substrate - sand, very coarse	% by wt		Calculated		Dry Particle Size Basis	Phi -1 to 0		PLUMB	
PHI-2TO-1	Substrate - gravel, very fine	% by wt		Calculated		Dry Particle Size Basis	PHI -2 TO -1		PLUMB	
PHI0TO+1	Substrate - sand, coarse	% by wt		Calculated		Dry Particle Size Basis	Phi 0 to 1		PLUMB	
PHI<-2	Substrate - gravel, fine	% by wt		Calculated		Dry Particle Size Basis	Phi less than -2		PLUMB	
PHI>4	Substrate - silt	% by wt		Calculated		Dry Particle Size Basis	Phi >4 to 12		PLUMB	
SEDO&G	Oil and Grease	mg/kg	Total	Actual		Dry			PLUMB	
SEDTN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/kg	Total	Calculated		Dry			PLUMB	
TOC	Carbon, Total Organic (Toc)	%	Total	Actual		Dry			PLUMB	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SED2	Sediment, Priority Pollutants	Sample	Sediment				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
401	Antimony	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
402	Arsenic	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
403	Beryllium	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
404	Cadmium	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
405	Chromium	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
406	Copper	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
407	Lead	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
408	Mercury	mg/kg	Total	Actual		Dry			CVAA SOLIDS	
409	Molybdenum	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
410	Nickel	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
411	Selenium	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
412	Silver	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
413	Thallium	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
414	Zinc	mg/kg	Total	Actual		Dry			ICP-AES SOLIDS	
415	Acrolein	ug/kg	Total	Actual		Dry			1624(S)	
416	Acrylonitrile	ug/kg	Total	Actual		Dry			1624(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
417	Benzene	ug/kg	Total	Actual		Dry				
418	Dichlorobromomethane	ug/kg	Total	Actual		Dry			1624(S)	
419	Bromoform	ug/kg	Total	Actual		Dry			1624(S)	
420	Methyl bromide	ug/kg	Total	Actual		Dry			1624(S)	
421	Carbon tetrachloride	ug/kg	Total	Actual		Dry			1624(S)	
422	Chlorobenzene	ug/kg	Total	Actual		Dry			1624(S)	
423	Chloroethane	ug/kg	Total	Actual		Dry			1624(S)	
424	2-Chloroethyl vinyl ether	ug/kg	Total	Actual		Dry			1624(S)	
425	Chloroform	ug/kg	Total	Actual		Dry			1624(S)	
426	Methyl chloride	ug/kg	Total	Actual		Dry			1624(S)	
427	Chlorodibromomethane	ug/kg	Total	Actual		Dry			1624(S)	
428	Dichloroethane, 1,1-	ug/kg	Total	Actual		Dry			1624(S)	
429	Dichloroethane, 1,2-	ug/kg	Total	Actual		Dry			1624(S)	
430	1,1-Dichloroethylene	ug/kg	Total	Actual		Dry			1624(S)	
431	trans-1,2-Dichloroethylene	ug/kg	Total	Actual		Dry			1624(S)	
432	Dichloropropane, 1,2-	ug/kg	Total	Actual		Dry			1624(S)	
433	cis-1,3-Dichloropropene	ug/kg	Total	Actual		Dry			1624(S)	
434	trans-1,3-Dichloropropene	ug/kg	Total	Actual		Dry			1624(S)	
435	Ethylbenzene	ug/kg	Total	Actual		Dry			1624(S)	
436	Dichloromethane	ug/kg	Total	Actual		Dry			1624(S)	
437	Tetrachloroethane, 1,1,2,2-	ug/kg	Total	Actual		Dry			1624(S)	
438	Tetrachloroethylene	ug/kg	Total	Actual		Dry			1624(S)	
439	Toluene	ug/kg	Total	Actual		Dry			1624(S)	
440	Trichloroethane, 1,1,1-	ug/kg	Total	Actual		Dry			1624(S)	
441	Trichloroethane, 1,1,2-	ug/kg	Total	Actual		Dry			1624(S)	
442	Trichloroethylene	ug/kg	Total	Actual		Dry			1624(S)	
443	Vinyl chloride	ug/kg	Total	Actual		Dry			1624(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
444	Acenaphthene	ug/kg	Total	Actual		Dry			1625(S)	
445	Acenaphthylene	ug/kg	Total	Actual		Dry			1625(S)	
446	Anthracene	ug/kg	Total	Actual		Dry			1625(S)	
447	Benzidine	ug/kg	Total	Actual		Dry			1625(S)	
448	Benzo[a]anthracene	ug/kg	Total	Actual		Dry			1625(S)	
449	Benzo[b]fluoranthene	ug/kg	Total	Actual		Dry			1625(S)	
450	Benzo[k]fluoranthene	ug/kg	Total	Actual		Dry			1625(S)	
451	Benzo[g,h,i]perylene	ug/kg	Total	Actual		Dry			1625(S)	
452	Benzo[a]pyrene	ug/kg	Total	Actual		Dry			1625(S)	
453	bis(2-chloroethoxy) methane	ug/kg	Total	Actual		Dry			1625(S)	
454	bis(2-chloroethyl) ether	ug/kg	Total	Actual		Dry			1625(S)	
455	Bis(2-chloroisopropyl) ether	ug/kg	Total	Actual		Dry			1625(S)	
456	bis(2-ethylhexyl) phthalate (DEHP)	ug/kg	Total	Actual		Dry			1625(S)	
457	Bromophenyl-4 phenyl ether	ug/kg	Total	Actual		Dry			1625(S)	
458	Butyl benzyl phthalate	ug/kg	Total	Actual		Dry			1625(S)	
459	Chloronaphthalene-2	ug/kg	Total	Actual		Dry			1625(S)	
460	Chlorophenyl-4 phenyl ether	ug/kg	Total	Actual		Dry			1625(S)	
461	Chrysenes C1-C4	ug/kg	Total	Actual		Dry			1625(S)	
462	Dibenzo[a,h]anthracene	ug/kg	Total	Actual		Dry			1625(S)	
463	1,2-Dichlorobenzene	ug/kg	Total	Actual		Dry			1625(S)	
464	1,3-Dichlorobenzene	ug/kg	Total	Actual		Dry			1625(S)	
465	1,4-Dichlorobenzene	ug/kg	Total	Actual		Dry			1625(S)	
466	Dichlorobenzidine, 3,3'-	ug/kg	Total	Actual		Dry			1625(S)	
467	Diethyl phthalate	ug/kg	Total	Actual		Dry			1625(S)	
468	Dimethyl phthalate	ug/kg	Total	Actual		Dry			1625(S)	
469	2,4-Dinitrotoluene	ug/kg	Total	Actual		Dry			1625(S)	

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470	2,6-Dinitrotoluene	ug/kg	Total	Actual		Dry			1625(S)	
471	Dibutyl phthalate	ug/kg	Total	Actual		Dry			1625(S)	
472	bis(n-octyl) Phthalate	ug/kg	Total	Actual		Dry			1625(S)	
473	Diphenylhydrazine, 1,2-	ug/kg	Total	Actual		Dry			1625(S)	
474	Fluoranthenes, C1-C4	ug/kg	Total	Actual		Dry			1625(S)	
475	Fluorenes, C1-C3	ug/kg	Total	Actual		Dry			1625(S)	
476	Hexachlorobenzene	ug/kg	Total	Actual		Dry			1625(S)	
477	Hexachlorobutadiene	ug/kg	Total	Actual		Dry			1625(S)	
478	Hexachlorocyclopentadiene	ug/kg	Total	Actual		Dry			1625(S)	
479	Hexachloroethane	ug/kg	Total	Actual		Dry			1625(S)	
480	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual		Dry			1625(S)	
481	Isophorone	ug/kg	Total	Actual		Dry			1625(S)	
482	Naphthalene	ug/kg	Total	Actual		Dry			1625(S)	
483	nitro-Benzene	ug/kg	Total	Actual		Dry			1625(S)	
484	Nitrosodimethylamine, n-	ug/kg	Total	Actual		Dry			1625(S)	
485	n-Nitrosodiphenylamine	ug/kg	Total	Actual		Dry			1625(S)	
486	n-Nitrosodipropylamine	ug/kg	Total	Actual		Dry			1625(S)	
487	Phenanthrenes, C1-C4	ug/kg	Total	Actual		Dry			1625(S)	
488	Pyrene	ug/kg	Total	Actual		Dry			1625(S)	
489	1,2,4-Trichlorobenzene	ug/kg	Total	Actual		Dry			1625(S)	
490	Chlorophenol-2	ug/kg	Total	Actual		Dry			1625(S)	
491	4-Chloro-3-methylphenol	ug/kg	Total	Actual		Dry			1625(S)	
492	2,4-Dichlorophenol	ug/kg	Total	Actual		Dry			1625(S)	
493	2,4-Dimethylphenol	ug/kg	Total	Actual		Dry			1625(S)	
494	Dinitrophenol, 2,4-	ug/kg	Total	Actual		Dry			1625(S)	
495	Dinitro-o-cresol	ug/kg	Total	Actual		Dry			1625(S)	
496	Nitrophenol, 2-	ug/kg	Total	Actual		Dry			1625(S)	

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497	p-Nitrophenol	ug/kg	Total	Actual		Dry			1625(S)	
498	Pentachlorophenol (PCP)	ug/kg	Total	Actual		Dry			1625(S)	
499	Phenol	ug/kg	Total	Actual		Dry			1625(S)	
500	2,4,6-Trichlorophenol (TCPh)	ug/kg	Total	Actual		Dry			1625(S)	
501	Aldrin	ug/kg	Total	Actual		Dry			8081A(SWB)	
502	BHC-alpha	ug/kg	Total	Actual		Dry			8081A(SWB)	
503	BHC-beta	ug/kg	Total	Actual		Dry			8081A(SWB)	
504	BHC-delta	ug/kg	Total	Actual		Dry			8081A(SWB)	
505	BHC-gamma (Lindane)	ug/kg	Total	Actual		Dry			8081A(SWB)	
506	Chlordane	ug/kg	Total	Actual		Dry			8081A(SWB)	
507	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual		Dry			8081A(SWB)	
508	DDE ***retired*** (use DDE, p,p')	ug/kg	Total	Actual		Dry			8081A(SWB)	
509	DDT ***retired*** (use DDT, p,p')	ug/kg	Total	Actual		Dry			8081A(SWB)	
510	Dieldrin	ug/kg	Total	Actual		Dry			8081A(SWB)	
511	Endosulfan, alpha-	ug/kg	Total	Actual		Dry			8081A(SWB)	
512	Endosulfan, beta-	ug/kg	Total	Actual		Dry			8081A(SWB)	
513	Endosulfan Sulfate	ug/kg	Total	Actual		Dry			8081A(SWB)	
514	Endrin	ug/kg	Total	Actual		Dry			8081A(SWB)	
515	Endrin Aldehyde	ug/kg	Total	Actual		Dry			8081A(SWB)	
516	Heptachlor	ug/kg	Total	Actual		Dry			8081A(SWB)	
517	Heptachlor epoxide	ug/kg	Total	Actual		Dry			8081A(SWB)	
518	Methoxychlor	ug/kg	Total	Actual		Dry			8081A(SWB)	
519	Mirex	ug/kg	Total	Actual		Dry			8081A(SWB)	
520	Toxaphene	ug/kg	Total	Actual		Dry			8081A(SWB)	
521	Pcb-aroclor 1016	ug/kg	Total	Actual		Dry			8082(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
522	Pcb-aroclor 1221	ug/kg	Total	Actual		Dry			8082(S)	
523	Pcb-aroclor 1232	ug/kg	Total	Actual		Dry			8082(S)	
524	Pcb-aroclor 1242	ug/kg	Total	Actual		Dry			8082(S)	
525	Pcb-aroclor 1248	ug/kg	Total	Actual		Dry			8082(S)	
526	Pcb-aroclor 1254	ug/kg	Total	Actual		Dry			8082(S)	
527	Pcb-aroclor 1260	ug/kg	Total	Actual		Dry			8082(S)	
528	Azinphos-methyl	ug/kg	Total	Actual		Dry			8141A(S)	
529	Demeton	ug/kg	Total	Actual		Dry			8141A(S)	
530	Malathion	ug/kg	Total	Actual		Dry			8141A(S)	
531	Parathion	ug/kg	Total	Actual		Dry			8141A(S)	
532	Cyanide	mg/kg	Total	Actual		Dry			335.2_M(S)	
533	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	ug/kg	Total	Actual		Dry			8280A(S)	
534	Solids, Total	% by wt	Total	Actual					PERCENT SOLIDS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SED3	Sediment, NOAA S&T analyses	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Aluminum	mg/kg	Total	Actual		Dry			6010B	
002	Arsenic	mg/kg	Total	Actual		Dry			200.8(S)	
003	Beryllium	mg/kg	Total	Actual		Dry			6010B	
004	Cadmium	mg/kg	Total	Actual		Dry			200.8(S)	
005	Chromium	mg/kg	Total	Actual		Dry			200.8(S)	
005A	Chromium	mg/kg	Total	Actual		Dry			200.8(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
006	Copper	mg/kg	Total	Actual		Dry			200.8(S)	
007	Iron	mg/kg	Total	Actual		Dry			6010B	
008	Lead	mg/kg	Total	Actual		Dry			200.8(S)	
009	Mercury	mg/kg	Total	Actual		Dry			7471A	
010	Nickel	mg/kg	Total	Actual		Dry			200.8(S)	
010A	Nickel	mg/kg	Total	Actual		Dry			200.8(S)	
011	Selenium	mg/kg	Total	Actual		Dry			200.8(S)	
012	Silver	mg/kg	Total	Actual		Dry			200.8(S)	
013	Zinc	mg/kg	Total	Actual		Dry			200.8(S)	
014	Naphthalene	ug/kg	Total	Actual		Dry			8270C(S)	
015	Dimethylnaphthalene, 2,6-	ug/kg	Total	Actual		Dry			8270C(S)	
016	Acenaphthylene	ug/kg	Total	Actual		Dry			8270C(S)	
017	Acenaphthene	ug/kg	Total	Actual		Dry			8270C(S)	
018	2,3,5-Trimethylnaphthalene	ug/kg	Total	Actual		Dry			8270C(S)	
019	Fluorenes, C1-C3	ug/kg	Total	Actual		Dry			8270C(S)	
020	Phenanthrenes, C1-C4	ug/kg	Total	Actual		Dry			8270C(S)	
021	Anthracene	ug/kg	Total	Actual		Dry			8270C(S)	
022	Methylphenanthrene, 1-	ug/kg	Total	Actual		Dry			8270C(S)	
023	Fluoranthenes, C1-C4	ug/kg	Total	Actual		Dry			8270C(S)	
024	Pyrene	ug/kg	Total	Actual		Dry			8270C(S)	
025	Benzo[a]anthracene	ug/kg	Total	Actual		Dry			8270C(S)	
026	Chrysenes C1-C4	ug/kg	Total	Actual		Dry			8270C(S)	
027	Benzo[b]fluoranthene	ug/kg	Total	Actual		Dry			8270C(S)	
028	Benzo[k]fluoranthene	ug/kg	Total	Actual		Dry			8270C(S)	
029	Benzo(e)pyrene	ug/kg	Total	Actual		Dry			8270C(S)	
030	Benzo[a]pyrene	ug/kg	Total	Actual		Dry			8270C(S)	
031	Indeno[1,2,3-cd]pyrene	ug/kg	Total	Actual		Dry			8270C(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
032	Dibenzo[a,h]anthracene	ug/kg	Total	Actual		Dry			8270C(S)	
033	Benzo[g,h,i]perylene	ug/kg	Total	Actual		Dry			8270C(S)	
034	Perylene	ug/kg	Total	Actual		Dry			8270C(S)	
035	Biphenyl	ug/kg	Total	Actual		Dry			8270C(S)	
036	Hexachlorobenzene	ug/kg	Total	Actual		Dry			8081A(SWB)	
037	BHC-gamma (Lindane)	ug/kg	Total	Actual		Dry			8081A(SWB)	
038	Heptachlor	ug/kg	Total	Actual		Dry			8081A(SWB)	
039	Aldrin	ug/kg	Total	Actual		Dry			8081A(SWB)	
040	Heptachlor epoxide	ug/kg	Total	Actual		Dry			8081A(SWB)	
041	Chlordane, cis	ug/kg	Total	Actual		Dry			8081A(SWB)	
042	Dieldrin	ug/kg	Total	Actual		Dry			8081A(SWB)	
043	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual		Dry			8081A(SWB)	
044	Endrin	ug/kg	Total	Actual		Dry			8081A(SWB)	
045	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual		Dry			8081A(SWB)	
046	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual		Dry			8081A(SWB)	
047	DDE, o,p'-	ug/kg	Total	Actual		Dry			8081A(SWB)	
048	Nonachlor, trans-	ug/kg	Total	Actual		Dry			8081A(SWB)	
049	DDD, o,p'-	ug/kg	Total	Actual		Dry			8081A(SWB)	
050	DDT, o,p'-	ug/kg	Total	Actual		Dry			8081A(SWB)	
051	Mirex	ug/kg	Total	Actual		Dry			8081A(SWB)	
052	PCB-008	ug/kg	Total	Actual		Dry			8082(S)	
053	PCB-018	ug/kg	Total	Actual		Dry			8082(S)	
054	PCB-028	ug/kg	Total	Actual		Dry			8082(S)	
055	PCB-044	ug/kg	Total	Actual		Dry			8082(S)	
056	PCB-052	ug/kg	Total	Actual		Dry			8082(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
057	PCB-066	ug/kg	Total	Actual		Dry			8082(S)	
058	PCB-070	ug/kg	Total	Actual		Dry			8082(S)	
059	PCB-074	ug/kg	Total	Actual		Dry			8082(S)	
060	PCB-087	ug/kg	Total	Actual		Dry			8082(S)	
061	PCB-099	ug/kg	Total	Actual		Dry			8082(S)	
062	Pcb-101	ug/kg	Total	Actual		Dry			8082(S)	
063	Pcb-110	ug/kg	Total	Actual		Dry			8082(S)	
064	Pcb-114	ug/kg	Total	Actual		Dry			8082(S)	
065	Pcb-123	ug/kg	Total	Actual		Dry			8082(S)	
066	Pcb-138	ug/kg	Total	Actual		Dry			8082(S)	
067	Pcb-151	ug/kg	Total	Actual		Dry			8082(S)	
068	Pcb-156	ug/kg	Total	Actual		Dry			8082(S)	
069	Pcb-167	ug/kg	Total	Actual		Dry			8082(S)	
070	Pcb-177	ug/kg	Total	Actual		Dry			8082(S)	
071	Pcb-180	ug/kg	Total	Actual		Dry			8082(S)	
072	Pcb-183	ug/kg	Total	Actual		Dry			8082(S)	
073	Pcb-187	ug/kg	Total	Actual		Dry			8082(S)	
074	Pcb-189	ug/kg	Total	Actual		Dry			8082(S)	
075	Pcb-194	ug/kg	Total	Actual		Dry			8082(S)	
076	Pcb-195	ug/kg	Total	Actual		Dry			8082(S)	
077	Pcb-201	ug/kg	Total	Actual		Dry			8082(S)	
078	Pcb-206	ug/kg	Total	Actual		Dry			8082(S)	
079	Pcb-209	ug/kg	Total	Actual		Dry			8082(S)	
080	PCB-037	ug/kg	Total	Actual		Dry			8082(S)	
081	PCB-049	ug/kg	Total	Actual		Dry			8082(S)	
082	Pcb-149	ug/kg	Total	Actual		Dry			8082(S)	
083	PCB- 077	ug/kg	Total	Actual		Dry			8082(S)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
084	PCB-081	ug/kg	Total	Actual		Dry			8082(S)	
085	Pcb-105	ug/kg	Total	Actual		Dry			8082(S)	
086	Pcb-118	ug/kg	Total	Actual		Dry			8082(S)	
087	Pcb-119	ug/kg	Total	Actual		Dry			8082(S)	
088	Pcb-126	ug/kg	Total	Actual		Dry			8082(S)	
089	Pcb-128	ug/kg	Total	Actual		Dry			8082(S)	
090	Pcb-153	ug/kg	Total	Actual		Dry			8082(S)	
091	Pcb-157	ug/kg	Total	Actual		Dry			8082(S)	
092	Pcb-158	ug/kg	Total	Actual		Dry			8082(S)	
093	Pcb-168	ug/kg	Total	Actual		Dry			8082(S)	
094	Pcb-169	ug/kg	Total	Actual		Dry			8082(S)	
095	Pcb-170	ug/kg	Total	Actual		Dry			8082(S)	
096	Solids, Total	% by wt	Total	Actual					PERCENT SOLIDS	
097	Carbon, Total Organic (Toc)	% by wt	Total	Actual					SEDTOC	
098	Acid Volatile Sulfides (AVS)	mg/kg	Total	Actual		Dry			SEDAVS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WW-LAB-O	Plant field test	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOW	Flow	mgd		Actual					FLOW	
PH	pH	None	Total	Actual					150.1	
TEMP-EFF	Temperature, water	deg C		Actual					170.1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
WW-LAB-P	PP plant lab analyses	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Antimony	ug/l	Total	Actual					3113-B	3030-E
001A	Antimony	ug/l	Total	Actual					200.8(W)	200.2-M
002	Arsenic	ug/l	Total	Actual					3113-B	NITRIC-PEROXIDE
003	Beryllium	ug/l	Total	Actual					3113-B	3030-E
003A	Beryllium	ug/l	Total	Actual					200.8(W)	200.2-M
004	Cadmium	ug/l	Total	Actual					3113-B	3030-E
004A	Cadmium	ug/l	Total	Actual					200.8(W)	200.2-M
005	Chromium	ug/l	Total	Actual					3113-B	3030-E
005A	Chromium	ug/l	Total	Actual					200.8(W)	200.2-M
006	Copper	ug/l	Total	Actual					3113-B	3030-E
006A	Copper	ug/l	Total	Actual					200.8(W)	200.2-M
007	Lead	ug/l	Total	Actual					3113-B	3030-E
007A	Lead	ug/l	Total	Actual					200.8(W)	200.2-M
008	Mercury	ug/l	Total	Actual					3112-B	
009	Nickel	ug/l	Total	Actual					3113-B	3030-E
009A	Nickel	ug/l	Total	Actual					200.8(W)	200.2-M
010	Selenium	ug/l	Total	Actual					3113-B	NITRIC-PEROXIDE
011	Silver	ug/l	Total	Actual					3113-B	3030-E
011A	Silver	ug/l	Total	Actual					200.8(W)	200.2-M
012	Thallium	ug/l	Total	Actual					3113-B	3030-E
012A	Thallium	ug/l	Total	Actual					200.8(W)	200.2-M
013	Zinc	ug/l	Total	Actual					3111-B	3030-E
013A	Zinc	ug/l	Total	Actual					200.8(W)	200.2-M
014	Acrolein	ug/l	Total	Actual					EPA603 MODIFIED	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
015	Acrylonitrile	ug/l	Total	Actual					EPA603 MODIFIED	
016	Benzene	ug/l	Total	Actual					624	
017	Dichlorobromomethane	ug/l	Total	Actual					624	
018	Bromoform	ug/l	Total	Actual					624	
019	Methyl bromide	ug/l	Total	Actual					624	
020	Carbon tetrachloride	ug/l	Total	Actual					624	
021	Chlorobenzene	ug/l	Total	Actual					624	
022	Chloroethane	ug/l	Total	Actual					624	
023	2-Chloroethyl vinyl ether	ug/l	Total	Actual					624	
024	Chloroform	ug/l	Total	Actual					624	
025	Methyl chloride	ug/l	Total	Actual					624	
026	Chlorodibromomethane	ug/l	Total	Actual					624	
027	1,2-Dichlorobenzene	ug/l	Total	Actual					624	
028	1,3-Dichlorobenzene	ug/l	Total	Actual					624	
029	1,4-Dichlorobenzene	ug/l	Total	Actual					624	
030	Dichloroethane, 1,1-	ug/l	Total	Actual					624	
031	Dichloroethane, 1,2-	ug/l	Total	Actual					624	
032	1,1-Dichloroethylene	ug/l	Total	Actual					624	
033	trans-1,2-Dichloroethylene	ug/l	Total	Actual					624	
034	Dichloropropane, 1,2-	ug/l	Total	Actual					624	
035	cis-1,3-Dichloropropene	ug/l	Total	Actual					624	
036	trans-1,3-Dichloropropene	ug/l	Total	Actual					624	
037	Ethylbenzene	ug/l	Total	Actual					624	
038	Dichloromethane	ug/l	Total	Actual					624	
039	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					624	
040	Tetrachloroethylene	ug/l	Total	Actual					624	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
041	Toluene	ug/l	Total	Actual					624	
042	Trichloroethane, 1,1,1-	ug/l	Total	Actual					624	
043	Trichloroethane, 1,1,2-	ug/l	Total	Actual					624	
044	Trichloroethylene	ug/l	Total	Actual					624	
045	Vinyl chloride	ug/l	Total	Actual					624	
046	Acenaphthene	ug/l	Total	Actual					625	
047	Acenaphthylene	ug/l	Total	Actual					625	
048	Anthracene	ug/l	Total	Actual					625	
049	Benzidine	ug/l	Total	Actual					625	
050	Benzo[a]anthracene	ug/l	Total	Actual					625	
051	Benzo[b]fluoranthene	ug/l	Total	Actual					625	
052	Benzo[k]fluoranthene	ug/l	Total	Actual					625	
053	Benzo[g,h,i]perylene	ug/l	Total	Actual					625	
054	Benzo[a]pyrene	ug/l	Total	Actual					625	
055	bis(2-chloroethoxy) methane	ug/l	Total	Actual					625	
056	bis(2-chloroethyl) ether	ug/l	Total	Actual					625	
057	Bis(2-chloroisopropyl) ether	ug/l	Total	Actual					625	
058	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					625	
059	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					625	
060	Butyl benzyl phthalate	ug/l	Total	Actual					625	
061	Chloronaphthalene-2	ug/l	Total	Actual					625	
062	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					625	
063	Chrysenes C1-C4	ug/l	Total	Actual					625	
064	Dibenzo[a,h]anthracene	ug/l	Total	Actual					625	
065	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					625	
066	Diethyl phthalate	ug/l	Total	Actual					625	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
067	Dimethyl phthalate	ug/l	Total	Actual					625	
068	2,4-Dinitrotoluene	ug/l	Total	Actual					625	
069	2,6-Dinitrotoluene	ug/l	Total	Actual					625	
070	Dibutyl phthalate	ug/l	Total	Actual					625	
071	bis(n-octyl) Phthalate	ug/l	Total	Actual					625	
072	Diphenylhydrazine, 1,2-	ug/l	Total	Actual					625	
073	Fluoranthenes, C1-C4	ug/l	Total	Actual					625	
074	Fluorenes, C1-C3	ug/l	Total	Actual					625	
075	Hexachlorobenzene	ug/l	Total	Actual					625	
076	Hexachlorobutadiene	ug/l	Total	Actual					625	
077	Hexachlorocyclopentadiene	ug/l	Total	Actual					625	
078	Hexachloroethane	ug/l	Total	Actual					625	
079	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					625	
080	Isophorone	ug/l	Total	Actual					625	
081	Naphthalene	ug/l	Total	Actual					625	
082	nitro-Benzene	ug/l	Total	Actual					625	
083	Nitrosodimethylamine, n-	ug/l	Total	Actual					625	
084	n-Nitrosodiphenylamine	ug/l	Total	Actual					625	
085	n-Nitrosodipropylamine	ug/l	Total	Actual					625	
086	Phenanthrenes, C1-C4	ug/l	Total	Actual					625	
087	Pyrene	ug/l	Total	Actual					625	
088	1,2,4-Trichlorobenzene	ug/l	Total	Actual					625	
089	Chlorophenol-2	ug/l	Total	Actual					625	
090	4-Chloro-3-methylphenol	ug/l	Total	Actual					625	
091	2,4-Dichlorophenol	ug/l	Total	Actual					625	
092	2,4-Dimethylphenol	ug/l	Total	Actual					625	
093	Dinitrophenol, 2,4-	ug/l	Total	Actual					625	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
094	Dinitro-o-cresol	ug/l	Total	Actual					625	
095	Nitrophenol, 2-	ug/l	Total	Actual					625	
096	p-Nitrophenol	ug/l	Total	Actual					625	
097	Pentachlorophenol (PCP)	ug/l	Total	Actual					625	
098	Phenol	ug/l	Total	Actual					625	
099	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					625	
100	Aldrin	ug/l	Total	Actual					608	
101	BHC-alpha	ug/l	Total	Actual					608	
102	BHC-beta	ug/l	Total	Actual					608	
103	BHC-delta	ug/l	Total	Actual					608	
104	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
105	Chlordane	ug/l	Total	Actual					608	
106	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					608	
107	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					608	
108	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					608	
109	Dieldrin	ug/l	Total	Actual					608	
110	Endosulfan, alpha-	ug/l	Total	Actual					608	
111	Endosulfan, beta-	ug/l	Total	Actual					608	
112	Endosulfan Sulfate	ug/l	Total	Actual					608	
113	Endrin	ug/l	Total	Actual					608	
114	Endrin Aldehyde	ug/l	Total	Actual					608	
115	Heptachlor	ug/l	Total	Actual					608	
116	Heptachlor epoxide	ug/l	Total	Actual					608	
117	Methoxychlor	ug/l	Total	Actual					608	
118	Mirex	ug/l	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
119	Toxaphene	ug/l	Total	Actual					608	
120	Pcb-aroclor 1016	ug/l	Total	Actual					608	
121	Pcb-aroclor 1221	ug/l	Total	Actual					608	
122	Pcb-aroclor 1232	ug/l	Total	Actual					608	
123	Pcb-aroclor 1242	ug/l	Total	Actual					608	
124	Pcb-aroclor 1248	ug/l	Total	Actual					608	
125	Pcb-aroclor 1254	ug/l	Total	Actual					608	
126	Pcb-aroclor 1260	ug/l	Total	Actual					608	
127	Azinphos-methyl	ug/l	Total	Actual					614	
128	Demeton, o-	ug/l	Total	Actual					614	
129	Demeton, s-	ug/l	Total	Actual					614	
130	Malathion	ug/l	Total	Actual					614	
131	Parathion	ug/l	Total	Actual					614	
132	Cyanide	ug/l	Total	Actual					335.2	
133	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	Total	Actual					613	
134	Aluminum	ug/l	Dissolved	Actual					3113-B	3030-B
134A	Aluminum	ug/l	Dissolved	Actual					200.8(W)	3030-B
135	Antimony	ug/l	Dissolved	Actual					3113-B	3030-B
135A	Antimony	ug/l	Dissolved	Actual					200.8(W)	3030-B
136	Arsenic	ug/l	Dissolved	Actual					3113-B	
137	Beryllium	ug/l	Dissolved	Actual					3113-B	3030-B
137A	Beryllium	ug/l	Dissolved	Actual					200.8(W)	3030-B
138	Cadmium	ug/l	Dissolved	Actual					3113-B	3030-B
138A	Cadmium	ug/l	Dissolved	Actual					200.8(W)	3030-B
139	Chromium, hexavalent	ug/l	Dissolved	Actual					3500-CR(D)	3030-B
140	Copper	ug/l	Dissolved	Actual					3113-B	3030-B

Characteristic Group Details

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HI301H

City and county of Honolulu

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
140A	Copper	ug/l	Dissolved	Actual					200.8(W)	3030-B
141	Lead	ug/l	Dissolved	Actual					3113-B	3030-B
141A	Lead	ug/l	Dissolved	Actual					200.8(W)	3030-B
142	Mercury	ug/l	Dissolved	Actual					3112-B	3030-B
143	Nickel	ug/l	Dissolved	Actual					3113-B	3030-B
143A	Nickel	ug/l	Dissolved	Actual					200.8(W)	3030-B
144	Selenium	ug/l	Dissolved	Actual					3113-B	3030-B
145	Silver	ug/l	Dissolved	Actual					3113-B	3030-B
145A	Silver	ug/l	Dissolved	Actual					200.8(W)	3030-B
146	Thallium	ug/l	Dissolved	Actual					3113-B	3030-B
146A	Thallium	ug/l	Dissolved	Actual					200.8(W)	3030-B
147	Zinc	ug/l	Dissolved	Actual					3111-B	3030-B
147A	Zinc	ug/l	Dissolved	Actual					200.8(W)	3030-B
148	Pentachloroethane	ug/l	Total	Actual					624	
149	Nitrosodibutylamine, n-	ug/l	Total	Actual					625	
150	Nitrosodiethylamine, n-	ug/l	Total	Actual					625	
151	Nitrosopyrrolidine, n-	ug/l	Total	Actual					625	
152	Pentachlorobenzene	ug/l	Total	Actual					625	
153	Tetrachlorobenzene, 1,2,4,5-	ug/l	Total	Actual					625	
154	Tetrachlorophenol, 2,3,5,6-	ug/l	Total	Actual					625	
155	Chlorpyrifos-methyl	ug/l	Total	Actual					614	
156	Tributyltin	ug/l	Total	Actual					STL- ALKYLTINS	
157	Asbestos	fibers/l	Total	Actual					HI301H	
158	Demeton	ug/l	Total	Actual					614	

Characteristic Group Details

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HI301H

City and county of Honolulu

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WW-LAB-R	routine plant lab analyses	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual					405.1	
ENT	Enterococcus Group Bacteria	cfu/100ml	Total	Actual					ENT	
ENT-T	Enterococcus Group Bacteria	#/100ml	Total	Actual					9230-C	
FC	Fecal Coliform	#/100ml	Total	Actual					9222-D	
HEM	Oil and Grease	mg/l	Total	Calculated					1664	SPE
NN	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.3	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	
TP	Phosphorus as P	mg/l	Total	Actual					365.3	
TPH	Hydrocarbons, Petroleum (Unspecified Mix)	mg/l	Total	Calculated					1664	SPE-SGT
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	

Characteristic Group Details

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HSGMN

High Springs Gap Groundwater Level Monitoring Network

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HSGMN	water surface	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Elevation, groundwater surface, MSL			Actual						

Characteristic Group Details

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IASNAPST

Iowa Geological Survey (Iowa)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
WATCHEM	Water Chemistry	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Acetochlor	ug/l	Total	Actual					507	
002	Alachlor	ug/l	Total	Actual					507	
003	Ametryne	ug/l	Total	Actual					507	
004	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
005	Atrazine	ug/l	Total	Actual					507	
006	Bromacil	ug/l	Total	Actual					507	
007	Butylate	ug/l	Total	Actual					507	
008	Cyanazine	ug/l	Total	Actual					507	
009	Desethyl atrazine	ug/l	Total	Actual					507	
010	Desisopropyl atrazine	ug/l	Total	Actual					507	
011	Dimethenamid	ug/l	Total	Actual					507	
012	Escherichia coli	cfu/100ml	Total	Actual					1603	
013	Escherichia coli	cfu/100ml	Total	Actual					APHA 9222G	
014	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Total	Actual					507	
015	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	
016	Metolachlor	ug/l	Total	Actual					507	
017	Metribuzin	ug/l	Total	Actual					507	
018	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
019	Prometone	ug/l	Total	Actual					507	
020	Propachlor	ug/l	Total	Actual					507	
021	Propazine	ug/l	Total	Actual					507	
022	Simazine	ug/l	Total	Actual					507	
023	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	

Characteristic Group Details

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IASNAPST

Iowa Geological Survey (Iowa)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
024	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
025	Phosphorus as P	mg/l	Total	Actual					365.4	
026	Solids, Total Suspended (TSS)	mg/l	Total	Actual					13765	
027	Trifluralin	ug/l	Total	Actual					507	
028	Solids, Dissolved	mg/l	Total	Actual					160.1	
029	Nitrogen, organic	mg/l	Total	Calculated						

Characteristic Group Details

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IL_EPA	Illinois EPA										
Group ID	Group Name	Field Activity	Medium	Intent	Community				Result Group		Habitat
IL_BIO	Biological Samples for IL EPA	Sample	Biological	Tissue							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
A34200	Acenaphthylene	ug/g	Total	Actual					LAB	LAB	
A34205	Acenaphthene	ug/g	Total	Actual					LAB	LAB	
A34220	Anthracene	ug/g	Total	Actual					LAB	LAB	
A34230	Benzo[b]fluoranthene	ug/g	Total	Actual					LAB	LAB	
A34242	Benzo[k]fluoranthene	ug/g	Total	Actual					LAB	LAB	
A34247	Benzo[a]pyrene	ug/g		Actual					LAB	LAB	
A34273	bis(2-chloroethyl) ether	ug/g		Actual					LAB	LAB	
A34278	bis(2-chloroethoxy) methane	ug/g	Total	Actual					LAB	LAB	
A34283	Dichlorodiisopropyl ether, 2,2'-	ug/g	Total	Actual					LAB	LAB	
A34292	Butyl benzyl phthalate	ug/g	Total	Actual					LAB	LAB	
A34320	Chrysenes C1-C4	ug/g	Total	Actual					LAB	LAB	
A34336	Diethyl phthalate	ug/g	Total	Actual					LAB	LAB	
A34341	Dimethyl phthalate	ug/g	Total	Actual					LAB	LAB	
A34376	Fluoranthenes, C1-C4	ug/g	Total	Actual					LAB	LAB	
A34381	Fluorenes, C1-C3	ug/g	Total	Actual					LAB	LAB	
A34386	Hexachlorocyclopentadiene	ug/g		Actual					LAB	LAB	
A34391	Hexachlorobutadiene	ug/g	Total	Actual					LAB	LAB	
A34396	Hexachloroethane	ug/g		Actual					LAB	LAB	
A34403	Indeno[1,2,3-cd]pyrene	ug/g	Total	Actual					LAB	LAB	
A34408	Isophorone	ug/g		Actual					LAB	LAB	
A34428	n-Nitrosodipropylamine	ug/g	Total	Actual					LAB	LAB	
A34447	nitro-Benzene	ug/g	Total	Actual					LAB	LAB	
A34452	4-Chloro-3-methylphenol	ug/g		Actual					LAB	LAB	
A34461	Phenanthrenes, C1-C4	ug/g	Total	Actual					LAB	LAB	
A34469	Pyrene	ug/g	Total	Actual					LAB	LAB	

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A34521	Benzo[g,h,i]perylene	ug/g	Total	Actual					LAB	LAB
A34526	Benzo[a]anthracene	ug/g		Actual					LAB	LAB
A34536	1,2-Dichlorobenzene	ug/g		Actual					LAB	LAB
A34551	1,2,4-Trichlorobenzene	ug/g	Total	Actual					LAB	LAB
A34556	Dibenzo[a,h]anthracene	ug/g		Actual					LAB	LAB
A34566	1,3-Dichlorobenzene	ug/g	Total	Actual					LAB	LAB
A34571	1,4-Dichlorobenzene	ug/g	Total	Actual					LAB	LAB
A34581	Chloronaphthalene-2	ug/g	Total	Actual					LAB	LAB
A34586	Chlorophenol-2	ug/g	Total	Actual					LAB	LAB
A34591	Nitrophenol, 2-	ug/g	Total	Actual					LAB	LAB
A34596	bis(n-octyl) Phthalate	ug/g	Total	Actual					LAB	LAB
A34601	2,4-Dichlorophenol	ug/g		Actual					LAB	LAB
A34606	2,4-Dimethylphenol	ug/g		Actual					LAB	LAB
A34611	2,4-Dinitrotoluene	ug/g		Actual					LAB	LAB
A34616	Dinitrophenol, 2,4-	ug/g	Total	Actual					LAB	LAB
A34621	2,4,6-Trichlorophenol (TCPPh)	ug/g	Total	Actual					LAB	LAB
A34626	2,6-Dinitrotoluene	ug/g		Actual					LAB	LAB
A34631	Dichlorobenzidine, 3,3'-	ug/g	Total	Actual					LAB	LAB
A34636	Bromophenyl-4 phenyl ether	ug/g	Total	Actual					LAB	LAB
A34641	Chlorophenyl-4 phenyl ether	ug/g		Actual					LAB	LAB
A34646	p-Nitrophenol	ug/g		Actual					LAB	LAB
A34694	Phenol	ug/g	Total	Actual					LAB	LAB
A34696	Naphthalene	ug/g	Total	Actual					LAB	LAB
A39032	Pentachlorophenol (PCP)	ug/g	Total	Actual					LAB	LAB
A39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/g	Total	Actual					LAB	LAB
A39110	Dibutyl phthalate	ug/g	Total	Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A39700	Hexachlorobenzene	ug/g	Total	Actual					LAB	LAB
A77147	Benzyl alcohol	ug/g		Actual					LAB	LAB
A77247	Benzoic acid	ug/g	Total	Actual					LAB	LAB
A77416	Methylnaphthalene, 2-	ug/g	Total	Actual					LAB	LAB
A77687	Trichlorophenol, 2,4,5-	ug/g		Actual					LAB	LAB
A78300	m-Nitroaniline	ug/g	Total	Actual					LAB	LAB
A81302	Dibenzofuran	ug/g		Actual					LAB	LAB
D00000	Depth	ft		Actual					FIELD	FIELD
P00023	Weight	lb		Actual					FIELD	FIELD
P00024	Length	in		Actual					FIELD	FIELD
P34680	Aldrin	ug/g	Total	Actual					LAB	LAB
P34682	Chlordane	ug/g	Total	Actual					LAB	LAB
P34685	Endrin	ug/g		Actual					LAB	LAB
P34686	Heptachlor epoxide	ug/g		Actual					LAB	LAB
P34687	Heptachlor	ug/g		Actual					LAB	LAB
P34688	Hexachlorobenzene	ug/g	Total	Actual					LAB	LAB
P34691	Toxaphene	ug/g		Actual					LAB	LAB
P39074	BHC-alpha	ug/g	Total	Actual					LAB	LAB
P39105	Lipids (unspecified mix)	%		Actual					LAB	LAB
P39376	DDT ***retired*** (use DDT, p,p'-)	ug/g	Total	Actual					LAB	LAB
P39404	Dieldrin	ug/g		Actual					LAB	LAB
P39515	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/g	Total	Actual					LAB	LAB
P39785	BHC-gamma (Lindane)	ug/g	Total	Actual					LAB	LAB
P71930	Mercury	mg/kg	Total	Actual					LAB	LAB
P81644	Methoxychlor	ug/g		Actual					LAB	LAB
P81645	Mirex	ug/g		Actual					LAB	LAB

Characteristic Group Details

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IL_EPA		Illinois EPA								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
IL_SED	Sediment samples for IL EPA	Sample	Sediment							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A00000	Chloroaniline, 4-	ug/g	Total	Actual					LAB	LAB
A00001	Nitroaniline, 2-	ug/g	Total	Actual					LAB	LAB
A00002	p-Nitroaniline	ug/g	Total	Actual					LAB	LAB
A34200	Acenaphthylene	ug/g	Total	Actual					LAB	LAB
A34205	Acenaphthene	ug/g	Total	Actual					LAB	LAB
A34220	Anthracene	ug/g	Total	Actual					LAB	LAB
A34230	Benzo[b]fluoranthene	ug/g	Total	Actual					LAB	LAB
A34242	Benzo[k]fluoranthene	ug/g	Total	Actual					LAB	LAB
A34247	Benzo[a]pyrene	ug/g	Total	Actual					LAB	LAB
A34278	bis(2-chloroethoxy) methane	ug/g	Total	Actual					LAB	LAB
A34320	Chrysenes C1-C4	ug/g	Total	Actual					LAB	LAB
A34376	Fluoranthenes, C1-C4	ug/g	Total	Actual					LAB	LAB
A34381	Fluorenes, C1-C3	ug/g	Total	Actual					LAB	LAB
A34386	Hexachlorocyclopentadiene	ug/g	Total	Actual					LAB	LAB
A34391	Hexachlorobutadiene	ug/g	Total	Actual					LAB	LAB
A34396	Hexachloroethane	ug/g	Total	Actual					LAB	LAB
A34403	Indeno[1,2,3-cd]pyrene	ug/g	Total	Actual					LAB	LAB
A34408	Isophorone	ug/g	Total	Actual					LAB	LAB
A34452	4-Chloro-3-methylphenol	ug/g	Total	Actual					LAB	LAB
A34461	Phenanthrenes, C1-C4	ug/g	Total	Actual					LAB	LAB
A34469	Pyrene	ug/g	Total	Actual					LAB	LAB
A34551	1,2,4-Trichlorobenzene	ug/g	Total	Actual					LAB	LAB
A34556	Dibenzo[a,h]anthracene	ug/g	Total	Actual					LAB	LAB
A34586	Chlorophenol-2	ug/g	Total	Actual					LAB	LAB
A34591	Nitrophenol, 2-	ug/g	Total	Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A34601	2,4-Dichlorophenol	ug/g	Total	Actual					LAB	LAB
A34606	2,4-Dimethylphenol	ug/g	Total	Actual					LAB	LAB
A34611	2,4-Dinitrotoluene	ug/g	Total	Actual					LAB	LAB
A34616	Dinitrophenol, 2,4-	ug/g	Total	Actual					LAB	LAB
A34621	2,4,6-Trichlorophenol (TCPPh)	ug/g	Total	Actual					LAB	LAB
A34626	2,6-Dinitrotoluene	ug/g	Total	Actual					LAB	LAB
A34631	Dichlorobenzidine, 3,3'-	ug/g	Total	Actual					LAB	LAB
A34636	Bromophenyl-4 phenyl ether	ug/g	Total	Actual					LAB	LAB
A34641	Chlorophenyl-4 phenyl ether	ug/g	Total	Actual					LAB	LAB
A34646	p-Nitrophenol	ug/g	Total	Actual					LAB	LAB
A34694	Phenol	ug/g	Total	Actual					LAB	LAB
A34696	Naphthalene	ug/g	Total	Actual					LAB	LAB
A39700	Hexachlorobenzene	ug/g	Total	Actual					LAB	LAB
A77147	Benzyl alcohol	ug/g	Total	Actual					LAB	LAB
A77247	Benzoic acid	ug/g	Total	Actual					LAB	LAB
A77416	Methylnaphthalene, 2-	ug/g	Total	Actual					LAB	LAB
A77687	Trichlorophenol, 2,4,5-	ug/g	Total	Actual					LAB	LAB
A81302	Dibenzofuran	ug/g	Total	Actual					LAB	LAB
D00000	Depth	ft		Actual					FIELD	FIELD
P00136	Temperature, sample	deg C		Actual					LAB	LAB
P00627	Nitrogen, Kjeldahl	mg/kg	Total	Actual					LAB	LAB
P00668	Phosphorus as P	mg/kg	Total	Actual					LAB	LAB
P00721	Cyanide	mg/kg	Total	Actual					LAB	LAB
P00938	Potassium	mg/kg		Actual					LAB	LAB
P01003	Arsenic	mg/kg	Total	Actual					LAB	LAB
P01008	Barium	mg/kg	Total	Actual					LAB	LAB
P01028	Cadmium	mg/kg	Total	Actual					LAB	LAB

Characteristic Group Details

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IL_EPA	Illinois EPA									
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P01029	Chromium	mg/kg	Total	Actual					LAB	LAB
P01043	Copper	mg/kg	Total	Actual					LAB	LAB
P01052	Lead	mg/kg	Total	Actual					LAB	LAB
P01053	Manganese	mg/kg	Total	Actual					LAB	LAB
P01068	Nickel	mg/kg	Total	Actual					LAB	LAB
P01078	Silver	mg/kg	Total	Actual					LAB	LAB
P01093	Zinc	mg/kg	Total	Actual					LAB	LAB
P01170	Iron	mg/kg	Total	Actual					LAB	LAB
P30191	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					LAB	LAB
P30200	Dichloropropionic acid, 2,2-***retired*** (use Dalapon)	ug/l	Total	Actual					LAB	LAB
P30295	Propachlor	ug/l		Actual					LAB	LAB
P34247	Benzo[a]pyrene	ug/l		Actual					LAB	LAB
P38442	Dicamba	ug/l		Actual					LAB	LAB
P38923	Metolachlor	ug/kg		Actual					LAB	LAB
P39032	Pentachlorophenol (PCP)	ug/l	Total	Actual					LAB	LAB
P39055	Simazine	ug/l		Actual					LAB	LAB
P39064	Chlordane, cis	ug/l	Total	Actual					LAB	LAB
P39067	Chlordane, trans	ug/kg	Total	Actual					LAB	LAB
P39076	BHC-alpha	ug/kg	Total	Actual					LAB	LAB
P39107	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Suspended	Actual					LAB	LAB
P39301	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					LAB	LAB
P39311	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					LAB	LAB
P39321	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
)									
P39333	Aldrin	ug/kg	Total	Actual					LAB	LAB
P39343	BHC-gamma (Lindane)	ug/kg	Total	Actual					LAB	LAB
P39351	Chlordane	ug/kg	Total	Actual					LAB	LAB
P39359	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					LAB	LAB
)									
P39383	Dieldrin	ug/kg		Actual					LAB	LAB
P39393	Endrin	ug/kg		Actual					LAB	LAB
P39400	Toxaphene	ug/l		Actual					LAB	LAB
P39413	Heptachlor	ug/kg		Actual					LAB	LAB
P39423	Heptachlor epoxide	ug/kg		Actual					LAB	LAB
P39481	Methoxychlor	ug/kg		Actual					LAB	LAB
P39519	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual					LAB	LAB
P39631	Atrazine	ug/kg	Total	Actual					LAB	LAB
P39701	Hexachlorobenzene	ug/kg	Total	Actual					LAB	LAB
P39720	Picloram	ug/l		Actual					LAB	LAB
P39730	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					LAB	LAB
P39760	Silvex	ug/l		Actual					LAB	LAB
P39770	Dacthal	ug/l		Actual					LAB	LAB
P46489	Carbon, Total Organic (Toc)	%		Actual					LAB	LAB
P49099	Arsenic	mg/l	Supernate	Actual					LAB	LAB
P49100	Antimony	mg/l	Supernate	Actual					LAB	LAB
P49101	Barium	mg/l	Supernate	Actual					LAB	LAB
P49102	Beryllium	mg/l	Supernate	Actual					LAB	LAB
P49103	Cadmium	mg/l	Supernate	Actual					LAB	LAB
P49105	Chromium	mg/l	Supernate	Actual					LAB	LAB

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P49109	Lead	mg/l	Supernate	Actual					LAB	LAB
P49112	Nickel	mg/l	Supernate	Actual					LAB	LAB
P49114	Selenium	mg/l	Supernate	Actual					LAB	LAB
P49115	Silver	mg/l	Supernate	Actual					LAB	LAB
P49118	Thallium	mg/l	Supernate	Actual					LAB	LAB
P49119	Vanadium	mg/l	Supernate	Actual					LAB	LAB
P49196	Captan	ug/kg	Supernate	Actual					LAB	LAB
P49259	Acetochlor	ug/l		Actual					LAB	LAB
P70017	Hexachlorocyclopentadiene	ug/l		Actual					LAB	LAB
P70318	Solids, Fixed	%	Non-volatile	Actual					LAB	LAB
P70322	Solids, Fixed	%	Volatile	Actual					FIELD	FIELD
P71921	Mercury	mg/kg	Supernate	Actual					LAB	LAB
P72025	Depth, bottom	ft		Actual					FIELD	FIELD
P77860	Butachlor	ug/l		Actual					LAB	LAB
P77903	bis(2-ethylhexyl) adipate	ug/l	Total	Actual					LAB	LAB
P79193	Acifluorfen, sodium salt	ug/l		Actual					LAB	LAB
P81407	Alachlor	ug/kg	Total	Actual					LAB	LAB
P81409	Metribuzin	ug/kg		Actual					LAB	LAB
P81618	Trifluralin	ug/kg	Total	Actual					LAB	LAB
P82409	Pendimethalin	ug/kg	Total	Actual					LAB	LAB
P82453	Nitrogen, ammonia (NH3) as NH3	mg/kg	Total	Actual					LAB	LAB
P82543	Cyanazine	ug/kg		Actual					LAB	LAB

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
IL_WATER	Water Samples for IL EPA	Sample	Water				N

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A14200	Chlorophyll (a+b+c)	ug/l	Filterable	Actual					FIELD	FIELD
D00000	Depth	ft		Actual					FIELD	FIELD
P00010	Temperature, water	deg C		Actual					FIELD	FIELD
	Acceptable Range	-1.00000 - 50.00000 deg C								
P00020	Temperature, air	deg C		Actual					FIELD	FIELD
P00076	Turbidity	NTU		Actual					LAB	LAB
P00077	Depth, Secchi Disk Depth	in		Actual					FIELD	FIELD
P00094	Specific conductance	umho/cm		Actual					FIELD	FIELD
P00095	Specific conductance	umho/cm		Actual					LAB	LAB
P00136	Temperature, sample	deg C		Actual					LAB	LAB
P00299	Dissolved oxygen (DO)	mg/l		Actual					FIELD	FIELD
P00301	Dissolved oxygen saturation	%	Dissolved	Actual					FIELD	FIELD
P00310	BOD, Biochemical oxygen demand	mg/l		Actual					LAB	LAB
P00400	pH	None		Actual					FIELD	FIELD
P00403	pH	None	Total	Actual					LAB	LAB
P00410	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					LAB	LAB
P00415	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					FIELD	FIELD
P00530	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					LAB	LAB
P00535	Solids, Volatile	mg/l	Filterable	Actual					LAB	LAB
P00608	Nitrogen, ammonia (NH3) as NH3	mg/l	Dissolved	Actual					LAB	LAB
P00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					LAB	LAB
P00625	Nitrogen, Kjeldahl	mg/l	Total	Actual					LAB	LAB
P00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P00631	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					LAB	LAB
P00665	Phosphorus as P	mg/l	Total	Actual					LAB	LAB
P00666	Phosphorus as P	mg/l	Dissolved	Actual					LAB	LAB
P00680	Carbon, Total Organic (Toc)	mg/l		Actual					LAB	LAB
P00720	Cyanide	mg/l		Actual					LAB	LAB
P00745	Sulfide	mg/l		Actual					LAB	LAB
P00900	Hardness, Ca + Mg	mg/l		Calculated					LAB	LAB
P00915	Calcium	mg/l	Dissolved	Actual					LAB	LAB
P00916	Calcium	mg/l	Total	Actual					LAB	LAB
P00917	Calcium	mg/kg	Supernate	Actual					LAB	LAB
P00924	Magnesium	mg/kg	Supernate	Actual					LAB	LAB
P00925	Magnesium	mg/l	Dissolved	Actual					LAB	LAB
P00927	Magnesium	mg/l	Total	Actual					LAB	LAB
P00929	Sodium	mg/l	Total	Actual					LAB	LAB
P00930	Sodium	mg/l	Dissolved	Actual					LAB	LAB
P00934	Sodium	mg/kg	Supernate	Actual					LAB	LAB
P00935	Potassium	mg/l	Dissolved	Actual					LAB	LAB
P00937	Potassium	mg/l	Total	Actual					LAB	LAB
P00940	Chloride	mg/l	Total	Actual					LAB	LAB
P00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					LAB	LAB
P00950	Fluorides	mg/l	Dissolved	Actual					LAB	LAB
P00951	Fluorides	mg/l	Total	Actual					LAB	LAB
P01002	Arsenic	ug/l	Total	Actual					LAB	LAB
P01005	Barium	ug/l	Dissolved	Actual					LAB	LAB
P01007	Barium	ug/l	Total	Actual					LAB	LAB
P01010	Beryllium	ug/l	Dissolved	Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P01012	Beryllium	ug/l	Total	Actual					LAB	LAB
P01013	Beryllium	mg/kg	Supernate	Actual					LAB	LAB
P01020	Boron	ug/l	Dissolved	Actual					LAB	LAB
P01022	Boron	ug/l	Total	Actual					LAB	LAB
P01023	Boron	mg/kg	Supernate	Actual					LAB	LAB
P01025	Cadmium	ug/l	Dissolved	Actual					LAB	LAB
P01027	Cadmium	ug/l	Total	Actual					LAB	LAB
P01030	Chromium	ug/l	Dissolved	Actual					LAB	LAB
P01034	Chromium	ug/l	Total	Actual					LAB	LAB
P01035	Cobalt	ug/l	Dissolved	Actual					LAB	LAB
P01037	Cobalt	ug/l	Total	Actual					LAB	LAB
P01038	Cobalt	mg/kg		Actual					LAB	LAB
P01040	Copper	ug/l	Dissolved	Actual					LAB	LAB
P01042	Copper	ug/l	Total	Actual					LAB	LAB
P01045	Iron	ug/l	Total	Actual					LAB	LAB
P01046	Iron	ug/l	Dissolved	Actual					LAB	LAB
P01049	Lead	ug/l	Dissolved	Actual					LAB	LAB
P01051	Lead	ug/l	Total	Actual					LAB	LAB
P01055	Manganese	ug/l	Total	Actual					LAB	LAB
P01056	Manganese	ug/l	Dissolved	Actual					LAB	LAB
P01059	Thallium	ug/l	Total	Actual					LAB	LAB
P01065	Nickel	ug/l	Dissolved	Actual					LAB	LAB
P01067	Nickel	ug/l	Total	Actual					LAB	LAB
P01075	Silver	ug/l	Dissolved	Actual					LAB	LAB
P01077	Silver	ug/l	Total	Actual					LAB	LAB
P01080	Strontium	ug/l	Dissolved	Actual					LAB	LAB
P01082	Strontium	ug/l	Total	Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P01083	Strontium	mg/kg		Actual					LAB	LAB
P01085	Vanadium	ug/l	Dissolved	Actual					LAB	LAB
P01087	Vanadium	ug/l	Total	Actual					LAB	LAB
P01088	Vanadium	mg/kg		Actual					LAB	LAB
P01090	Zinc	ug/l	Dissolved	Actual					LAB	LAB
P01092	Zinc	ug/l	Total	Actual					LAB	LAB
P01097	Antimony	ug/l	Total	Actual					LAB	LAB
P01105	Aluminum	ug/l	Total	Actual					LAB	LAB
P01106	Aluminum	ug/l	Dissolved	Actual					LAB	LAB
P01108	Aluminum	mg/kg	Total	Actual					LAB	LAB
P01145	Selenium	ug/l	Dissolved	Actual					LAB	LAB
P01147	Selenium	ug/l	Total	Actual					LAB	LAB
P30191	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					LAB	LAB
P30200	Dichloropropionic acid, 2,2-***retired*** (use Dalapon)	ug/l	Total	Actual					LAB	LAB
P30295	Propachlor	ug/l	Total	Actual					LAB	LAB
P31616	Fecal Coliform	#/100ml		Actual					LAB	LAB
P32101	Dichlorobromomethane	ug/l		Actual					LAB	LAB
P32102	Carbon tetrachloride	ug/l	Total	Actual					LAB	LAB
P32104	Bromoform	ug/l		Actual					LAB	LAB
P32105	Chlorodibromomethane	ug/l		Actual					LAB	LAB
P32106	Chloroform	ug/l		Actual					LAB	LAB
P32210	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					LAB	LAB
P32211	Chlorophyll a, corrected for pheophytin	ug/l		Actual					LAB	LAB
P32212	Chlorophyll-b	ug/l	Total	Actual					LAB	LAB

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Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P32214	Chlorophyll-c	ug/l	Total	Actual					LAB	LAB
P32218	Pheophytin-a	ug/l	Total	Actual					LAB	LAB
P32730	Phenols (mixture)	ug/l	Total	Actual					LAB	LAB
P34200	Acenaphthylene	ug/l	Total	Actual					LAB	LAB
P34205	Acenaphthene	ug/l		Actual					LAB	LAB
P34220	Anthracene	ug/l	Total	Actual					LAB	LAB
P34230	Benzo[b]fluoranthene	ug/l	Total	Actual					LAB	LAB
P34242	Benzo[k]fluoranthene	ug/l	Total	Actual					LAB	LAB
P34247	Benzo[a]pyrene	ug/l		Actual					LAB	LAB
P34273	bis(2-chloroethyl) ether	ug/l		Actual					LAB	LAB
P34278	bis(2-chloroethoxy) methane	ug/l	Total	Actual					LAB	LAB
P34292	Butyl benzyl phthalate	ug/l	Total	Actual					LAB	LAB
P34301	Chlorobenzene	ug/l		Actual					LAB	LAB
P34320	Chrysenes C1-C4	ug/l	Total	Actual					LAB	LAB
P34336	Diethyl phthalate	ug/l	Total	Actual					LAB	LAB
P34341	Dimethyl phthalate	ug/l	Total	Actual					LAB	LAB
P34376	Fluoranthenes, C1-C4	ug/l	Total	Actual					LAB	LAB
P34381	Fluorenes, C1-C3	ug/l	Total	Actual					LAB	LAB
P34386	Hexachlorocyclopentadiene	ug/l		Actual					LAB	LAB
P34391	Hexachlorobutadiene	ug/l	Total	Actual					LAB	LAB
P34396	Hexachloroethane	ug/l		Actual					LAB	LAB
P34403	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					LAB	LAB
P34408	Isophorone	ug/l		Actual					LAB	LAB
P34423	Dichloromethane	ug/l	Total	Actual					LAB	LAB
P34428	n-Nitrosodipropylamine	ug/l	Total	Actual					LAB	LAB
P34447	nitro-Benzene	ug/l	Total	Actual					LAB	LAB
P34452	4-Chloro-3-methylphenol	ug/l		Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P34461	Phenanthrenes, C1-C4	ug/l	Total	Actual					LAB	LAB
P34469	Pyrene	ug/l	Total	Actual					LAB	LAB
P34475	Tetrachloroethylene	ug/l		Actual					LAB	LAB
P34496	Dichloroethane, 1,1-	ug/l	Total	Actual					LAB	LAB
P34501	1,1-Dichloroethylene	ug/l	Total	Actual					LAB	LAB
P34506	Trichloroethane, 1,1,1-	ug/l	Total	Actual					LAB	LAB
P34521	Benzo[g,h,i]perylene	ug/l	Total	Actual					LAB	LAB
P34526	Benzo[a]anthracene	ug/l		Actual					LAB	LAB
P34531	Dichloroethane, 1,2-	ug/l	Total	Actual					LAB	LAB
P34536	1,2-Dichlorobenzene	ug/l		Actual					LAB	LAB
P34546	trans-1,2-Dichloroethylene	ug/l	Total	Actual					LAB	LAB
P34551	1,2,4-Trichlorobenzene	ug/l	Total	Actual					LAB	LAB
P34556	Dibenzo[a,h]anthracene	ug/l		Actual					LAB	LAB
P34566	1,3-Dichlorobenzene	ug/l		Actual					LAB	LAB
P34571	1,4-Dichlorobenzene	ug/l	Total	Actual					LAB	LAB
P34581	Chloronaphthalene-2	ug/l		Actual					LAB	LAB
P34586	Chlorophenol-2	ug/l		Actual					LAB	LAB
P34591	Nitrophenol, 2-	ug/l	Total	Actual					LAB	LAB
P34596	bis(n-octyl) Phthalate	ug/l	Total	Actual					LAB	LAB
P34601	2,4-Dichlorophenol	ug/l		Actual					LAB	LAB
P34606	2,4-Dimethylphenol	ug/l		Actual					LAB	LAB
P34611	2,4-Dinitrotoluene	ug/l		Actual					LAB	LAB
P34616	Dinitrophenol, 2,4-	ug/l	Total	Actual					LAB	LAB
P34621	2,4,6-Trichlorophenol (TCP)	ug/l	Total	Actual					LAB	LAB
P34626	2,6-Dinitrotoluene	ug/l		Actual					LAB	LAB
P34631	Dichlorobenzidine, 3,3'-	ug/l		Actual					LAB	LAB
P34636	Bromophenyl-4 phenyl ether	ug/l		Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P34641	Chlorophenyl-4 phenyl ether	ug/l		Actual					LAB	LAB
P34646	p-Nitrophenol	ug/l		Actual					LAB	LAB
P34694	Phenol	ug/l		Actual					LAB	LAB
P34696	Naphthalene	ug/l	Total	Actual					LAB	LAB
P34716	Dichlorobenzene isomers	ug/l	Total	Actual					LAB	LAB
P38442	Dicamba	ug/l		Actual					LAB	LAB
P38923	Metolachlor	ug/kg		Actual					LAB	LAB
P39032	Pentachlorophenol (PCP)	ug/l	Total	Actual					LAB	LAB
P39033	Atrazine	ug/l	Total	Actual					LAB	LAB
P39055	Simazine	ug/l		Actual					LAB	LAB
P39076	BHC-alpha	ug/kg	Total	Actual					LAB	LAB
P39100	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					LAB	LAB
P39107	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Suspended	Actual					LAB	LAB
P39110	Dibutyl phthalate	ug/l	Total	Actual					LAB	LAB
P39180	Trichloroethylene	ug/l		Actual					LAB	LAB
P39300	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					LAB	LAB
P39301	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					LAB	LAB
P39310	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					LAB	LAB
P39311	DDD ***retired*** (use DDD, p,p')	ug/kg	Total	Actual					LAB	LAB
P39320	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					LAB	LAB
P39321	DDE ***retired*** (use DDE, p,p'-)	ug/kg	Total	Actual					LAB	LAB

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P39330	Aldrin	ug/l	Total	Actual					LAB	LAB
P39333	Aldrin	ug/kg	Total	Actual					LAB	LAB
P39337	BHC-alpha	ug/l	Total	Actual					LAB	LAB
P39340	BHC-gamma (Lindane)	ug/l	Total	Actual					LAB	LAB
P39343	BHC-gamma (Lindane)	ug/kg	Total	Actual					LAB	LAB
P39348	Chlordane, cis	ug/l	Total	Actual					LAB	LAB
P39350	Chlordane	ug/l	Total	Actual					LAB	LAB
P39356	Metolachlor	ug/l		Actual					LAB	LAB
P39359	DDT ***retired*** (use DDT, p,p'-)	ug/kg	Total	Actual					LAB	LAB
P39370	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					LAB	LAB
P39380	Dieldrin	ug/l		Actual					LAB	LAB
P39383	Dieldrin	ug/kg		Actual					LAB	LAB
P39390	Endrin	ug/l		Actual					LAB	LAB
P39393	Endrin	ug/kg		Actual					LAB	LAB
P39400	Toxaphene	ug/l		Actual					LAB	LAB
P39410	Heptachlor	ug/l		Actual					LAB	LAB
P39413	Heptachlor	ug/kg		Actual					LAB	LAB
P39420	Heptachlor epoxide	ug/l		Actual					LAB	LAB
P39423	Heptachlor epoxide	ug/kg		Actual					LAB	LAB
P39480	Methoxychlor	ug/l		Actual					LAB	LAB
P39481	Methoxychlor	ug/kg		Actual					LAB	LAB
P39516	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/l	Total	Actual					LAB	LAB
P39519	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual					LAB	LAB
P39530	Malathion	ug/l		Actual					LAB	LAB

Characteristic Group Details

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P39570	Diazinon	ug/l		Actual					LAB	LAB
P39600	Methyl parathion	ug/l	Total	Actual					LAB	LAB
P39630	Atrazine	ug/l	Total	Actual					LAB	LAB
P39631	Atrazine	ug/kg	Total	Actual					LAB	LAB
P39640	Captan	ug/l		Actual					LAB	LAB
P39700	Hexachlorobenzene	ug/l	Total	Actual					LAB	LAB
P39701	Hexachlorobenzene	ug/kg	Total	Actual					LAB	LAB
P39720	Picloram	ug/l		Actual					LAB	LAB
P39730	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					LAB	LAB
P39760	Silvex	ug/l		Actual					LAB	LAB
P39770	Dacthal	ug/l		Actual					LAB	LAB
P39810	Chlordane, trans	ug/l	Total	Actual					LAB	LAB
P46313	Phorate	ug/l	Total	Actual					LAB	LAB
P49196	Captan	ug/kg		Actual					LAB	LAB
P49259	Acetochlor	ug/l		Actual					LAB	LAB
P70017	Hexachlorocyclopentadiene	ug/l		Actual					LAB	LAB
P70300	Solids, Dissolved	mg/l	Filterable	Actual					LAB	LAB
P70508	Acidity as CaCO3	mg/l		Actual					LAB	LAB
P71890	Mercury	ug/l	Dissolved	Actual					LAB	LAB
P71900	Mercury	ug/l	Total	Actual					LAB	LAB
P72025	Depth, bottom	ft		Actual					FIELD	FIELD
P77093	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHL0)	ug/l		Actual					LAB	LAB
P77416	Methylnaphthalene, 2-	ug/l	Total	Actual					LAB	LAB
P77687	Trichlorophenol, 2,4,5-	ug/l		Actual					LAB	LAB
P77825	Alachlor	ug/l	Total	Actual					LAB	LAB

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IL_EPA

Illinois EPA

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
P77860	Butachlor	ug/l		Actual					LAB	LAB
P77903	bis(2-ethylhexyl) adipate	ug/l	Total	Actual					LAB	LAB
P78113	Ethylbenzene	ug/l		Actual					LAB	LAB
P78124	Benzene	ug/l		Actual					LAB	LAB
P78131	Toluene	ug/l		Actual					LAB	LAB
P78300	m-Nitroaniline	ug/l	Total	Actual					LAB	LAB
P79190	Pendimethalin	ug/l	Total	Actual					LAB	LAB
P79193	Acifluorfen, sodium salt	ug/l	Total	Actual					LAB	LAB
P80082	BOD, carbonaceous	mg/l		Actual					LAB	LAB
P81284	Trifluralin	ug/l	Total	Actual					LAB	LAB
P81294	Fonofos	ug/l	Total	Actual					LAB	LAB
P81302	Dibenzofuran	ug/l		Actual					LAB	LAB
P81403	Chloropyrifos	ug/l		Actual					LAB	LAB
P81407	Alachlor	ug/kg	Total	Actual					LAB	LAB
P81408	Metribuzin	ug/l		Actual					LAB	LAB
P81409	Metribuzin	ug/kg		Actual					LAB	LAB
P81410	Butylate	ug/l		Actual					LAB	LAB
P81551	Xylenes mix of m + o + p	ug/l	Total	Actual					LAB	LAB
P81618	Trifluralin	ug/kg	Total	Actual					LAB	LAB
P81757	Cyanazine	ug/l		Actual					LAB	LAB
P81894	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Total	Actual					LAB	LAB
P82078	Turbidity	NTU		Actual					FIELD	FIELD
P82088	Terbufos	ug/l		Actual					LAB	LAB
P82409	Pendimethalin	ug/kg	Total	Actual					LAB	LAB
P82543	Cyanazine	ug/kg		Actual					LAB	LAB

Characteristic Group Details

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IOWATER

Iowa Volunteer Water Monitoring Program

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHEMPHYS	Chemical/Physical Assessment	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIRTEMP	Temperature, air	deg F		Actual					CHEMPHYS	
CHLOR	Chloride	mg/l	Total	Actual						
	Acceptable Range	25.00000 - 600.00000 mg/l								
COLRODOR	Water appearance (text)								CHEMPHYS	
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					CHEMPHYS	
FLOW	Flow	m3/sec		Actual					CHEMPHYS	
H2OTEMP	Temperature, water	deg F		Actual					CHEMPHYS	
NITRATE	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					CHEMPHYS	
NITRITE	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					CHEMPHYS	
PH	pH	None	Total	Actual					CHEMPHYS	
PO	Phosphate	mg/l	Total	Actual					CHEMPHYS	
PRECIP	Precipitation	in		Actual			24 Hours		CHEMPHYS	
SW	Stream width measure	m		Actual					CHEMPHYS	
TRANSP	Transparency, tube with disk	cm		Actual					CHEMPHYS	
WEATHER	Weather Comments (text)								CHEMPHYS	

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KWMNDATA Keystone Watershed Monitoring Network (Pennsylvania)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACTERIA	Bacteria Testing for CIP	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Total Coliform	#/ml		Actual						
	Escherichia coli	#/ml		Actual						
	Bacteria Mix, Unspecified	#/ml		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CIPSEC	CIPSEC Chemical Parameters	Field Msr/Obs	Water				N

Citations Schuylkill Center for Env. Ed., Env. Alliance for Senior Involvement, and the DEP Citizens' Volunteer Monitoring Program, 2001, Pennsylvania Volunteer Water Quality Manual, Environmental Alliance for Senior Involvement, 1-76

Description Center in the Park Senior Environment Corps tests for pH, phosphate, nitrate, dissolved oxygen, sulfate, alkalinity, conductivity, and temperature. They use Hach Test Kits, pH meter, conductivity meter, Lamotte TesTabs, colorimeter, and digital titrator.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	pH	None		Actual					HACH POCKET PAL	
	Acceptable Range	0.00000 - 14.00000	None							
002	pH	None		Actual					LAMOTTE 6459	
	Acceptable Range	4.00000 - 10.00000	None							
003	Specific conductance	uS/cm		Actual					COND. METER	
	Acceptable Range	0.00000 - 1,990.00000	uS/cm							
004	Alkalinity, Carbonate as CaCO3	mg/l		Actual					HACH ALKALINITY	
	Acceptable Range	5.00000 - 400.00000	mg/l							
005	Alkalinity, Carbonate as CaCO3	mg/l		Actual					TITRATOR	
	Acceptable Range	10.00000 - 4,000.00000	mg/l							
006	Temperature, water	deg C		Actual					THERMOMETE	

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KWMNDATA Keystone Watershed Monitoring Network (Pennsylvania)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
									R	
007	Dissolved oxygen (DO) Acceptable Range	mg/l 0.20000 - 20.00000 mg/l	Dissolved	Actual					HACH DO KIT	
008	Dissolved oxygen (DO) Acceptable Range	mg/l 1.00000 - 10.00000 mg/l	Dissolved	Actual					TITRATOR	
009	Dissolved oxygen (DO) Acceptable Range	ppm 0.00000 - 8.00000 ppm	Dissolved	Actual					LAMOTTE 3976	
010	Sulfur, sulfate (SO4) as SO4 Acceptable Range	mg/l 50.00000 - 200.00000 mg/l		Actual					HACH SO4 KIT	
011	Sulfur, sulfate (SO4) as SO4 Acceptable Range	mg/l 0.00000 - 70.00000 mg/l		Actual					HACH COLORIMETE	
012	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l 0.00000 - 44.00000 mg/l		Actual					HACH NO3 KIT	
013	Nitrogen, Nitrate (NO3) as N Acceptable Range	mg/l 0.00000 - 30.00000 mg/l	Total	Actual					HACH COLORIMETE	
014	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	ppm 5.00000 - 40.00000 ppm		Actual					LAMOTTE 3703	
015	Phosphate Acceptable Range	mg/l 0.00000 - 50.00000 mg/l		Actual					HACH PO4 KIT	
016	Phosphate Acceptable Range	mg/l 0.00000 - 2.50000 mg/l		Actual					HACH COLORIMETE	
017	Phosphate Acceptable Range	ppm 1.00000 - 4.00000 ppm		Actual					LAMOTTE 5422	
018	Temperature, water	deg C		Actual					LAMOTTE THERM	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DRNCHEM	DRN Chemical Parameters	Field Msr/Obs	Water				N

Characteristic Group Details

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KWMNDATA

Keystone Watershed Monitoring Network (Pennsylvania)

Description Delaware Riverkeeper Network Chemical Parameters, including pH, nitrate-nitrogen, ortho-phosphate, and dissolved oxygen

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	pH	None		Actual					LAMOTTE 2117	
	Acceptable Range	3.00000 - 10.00000	None							
002	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					LAMOTTE 3354	
	Acceptable Range	0.00000 - 15.00000	mg/l							
003	Phosphorus, orthophosphate as PO4	mg/l		Actual					LAMOTTE 3119	
	Acceptable Range	0.20000 - 1.00000	mg/l							
004	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated					LAMOTTE 5860	
	Acceptable Range	0.00000 - 10.00000	mg/l							
005	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					LAMOTTE 3119 N	
	Acceptable Range	0.20000 - 1.00000	mg/l							
006	Temperature, water	deg C		Actual					LAMOTTE 1066	
	Acceptable Range	0.00000 - 45.00000	deg C							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DRNCHEM2	DE Riverkeeper Chemical 2	Field Msr/Obs	Water				N

Description DRN Chemical testing including DO, Water Temperature, pH, Nitrate-Nitrogen, Nitrate, Ortho-Phosphate

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	pH	None		Actual					LAMOTTE 2117	
	Acceptable Range	3.00000 - 10.00000	None							
002	Temperature, water	deg C		Actual					LAMOTTE 1066	
	Acceptable Range	0.00000 - 45.00000	deg C							
003	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					LAMOTTE 3119 N	
	Acceptable Range	0.20000 - 1.00000	mg/l							
004	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					LAMOTTE 3354	

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KWMNDATA Keystone Watershed Monitoring Network (Pennsylvania)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 15.00000 mg/l								
005	Phosphorus, orthophosphate as PO4	mg/l		Actual					LAMOTTE	3119
	Acceptable Range	0.20000 - 1.00000 mg/l								
006	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean				LAMOTTE	5860
	Acceptable Range	0.00000 - 10.00000 mg/l								
007	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Minimum				LAMOTTE	5860
	Acceptable Range	0.00000 - 10.00000 mg/l								
008	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					LAMOTTE	5860
	Acceptable Range	0.00000 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MCWACHEM	MCWA Chemical Parameters	Field Msr/Obs	Water				N

Description Testing for Temperature, pH, Nitrate-Nitrogen, and Dissolved Oxygen

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	pH	None		Actual					PH STRIPS	
	Acceptable Range	3.00000 - 10.00000 None								
002	Nitrogen, Nitrate (NO3) as NO3	ppm		Calculated	Mean				LAMOTTE	3354
	Acceptable Range	0.00000 - 15.00000 ppm								
003	Dissolved oxygen (DO)	ppm	Dissolved	Calculated	Mean				LAMOTTE	5860
	Acceptable Range	0.00000 - 10.00000 ppm								
004	Temperature, water	deg C		Actual					LAMOTTE	1066
	Acceptable Range	0.00000 - 45.00000 deg C								
005	Turbidity	JTU		Actual					TURBIDITY	
	Acceptable Range	0.00000 - 200.00000 JTU								
006	Dissolved oxygen (DO)	ppm	Dissolved	Actual	Minimum				LAMOTTE	5860
	Acceptable Range	0.00000 - 10.00000 ppm								

Characteristic Group Details

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KWMNDATA Keystone Watershed Monitoring Network (Pennsylvania)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
007	Dissolved oxygen (DO) Acceptable Range	ppm	Dissolved	Actual	Maximum				LAMOTTE 5860	
		0.00000 - 10.00000 ppm								
008	Dissolved oxygen (DO) Acceptable Range	ppm	Dissolved	Actual					LAMOTTE 5860	
		0.00000 - 10.00000 ppm								
009	Depth	m		Calculated	Mean					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MSLAKE	Mountain Springs Lake	Field Msr/Obs	Water				N

Description Total Phosphorus, Chlorophyll A, ph, Dissolved Oxygen, secchi, temperature

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Phosphorus	mg/l		Actual						
002	pH	None		Actual						
003	Solids, Total Suspended (TSS)	mg/l	Total	Actual	Mean					
004	Depth, Secchi Disk Depth	m		Actual						
005	Dissolved oxygen (DO)	ppm	Dissolved	Actual						
006	Temperature, water	deg C		Actual						
007	Turbidity severity (choice list)									
008	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Actual						
008	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Actual					TOTAL N	
009	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual					ALKALINITY	
010	Chlorophyll a, corrected for	mg/l		Actual					CHLOROPHYL	

Characteristic Group Details

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KWMNDATA Keystone Watershed Monitoring Network (Pennsylvania)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pheophytin								L A	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WEATHER	Weather Conditions	Field Msr/Obs	Air				N

Description This group measures the weather conditions.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
0001	Temperature, air	deg C		Actual						
0002	Weather Comments (text)			Actual						
0003	Precipitation	in		Actual						
	Acceptable Range	0.00000 - 75.00000 in								
0004	Temperature, air	deg C		Actual					LAMOTTE THERM	

Characteristic Group Details

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LAKELAND

City of Lakeland (Florida)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD OB	Water Quality Field analysis	Field Msr/Obs	Water				N

Description Field measurements include DO, pH, Temp, Cond, Secchi

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual					120.1	
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					OXYGEN	
PH	pH	None	Total	Actual					4500-H	
SECCHI	Depth, Secchi Disk Depth	m		Actual	Maximum	Wet			SECCHI	
TEMP	Temperature, water	deg C		Actual	Maximum	Wet			TEMP	
TURB	Turbidity	NTU	Total	Actual	Maximum				TURB	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HW WQ	HW Water Quality Stations	Sample	Water				N

Description Water Quality sample stations in Lake Hollingsworth.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AL	Aluminum	ug/l	Total	Actual					3111-D	
	Acceptable Range	20.00000 - 2,000.00000 ug/l								
ALK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
CA	Calcium	mg/l	Total	Actual					3111-B	
	Acceptable Range	0.20000 - 20.00000 mg/l								
CD	Cadmium	ug/l	Total	Actual					3111-B	
	Acceptable Range	0.50000 - 10.00000 ug/l								
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					CHLA - 4.3.1	
COLOR	Color, True	PCU		Actual					2120-C	
CR	Chromium	ug/l	Total	Actual					3113-B	
	Acceptable Range	5.00000 - 100.00000 ug/l								

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City of Lakeland (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CU	Copper	ug/l	Total	Actual					3111-B	3113 B
	Acceptable Range	10.00000 - 800.00000 ug/l								
FE	Iron	ug/l	Total	Actual					3111-B	
	Acceptable Range	30.00000 - 10,000.00000 ug/l								
F_COLI	Fecal Coliform	#/100ml	Total	Actual					9222-D	9222-D
HARDNES	Hardness, carbonate	mg/l		Actual					130.2	
MG	Magnesium	mg/l	Total	Actual					3111-B	
	Acceptable Range	0.02000 - 2.00000 mg/l								
NH3_N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
NH3_UNIO	Ammonia, unionized	mg/l	Total	Actual					AMMONIA UN-ION	
NO3NO2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
ORT_P	Phosphorus, orthophosphate as P	mg/l		Actual					365.1	
PB	Lead	ug/l	Total	Actual					3113-B	
	Acceptable Range	5.00000 - 100.00000 ug/l								
TDS	Solids, Dissolved	mg/l	Total	Actual					2540-C	
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NH3(G)	
TN	Nitrogen ion (N)	mg/l	Total	Actual					NITROGEN	
TP	Phosphorus as P	mg/l	Total	Actual					365.4	
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	
T_COLI	Total Coliform	#/100ml	Total	Actual					9222-B	9222-B
ZN	Zinc	ug/l	Total	Actual					3111-B	
	Acceptable Range	50.00000 - 2,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HW WQ F	HW Water Quality Field Data	Field Msr/Obs	Water				N

Characteristic Group Details

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LAKELAND

City of Lakeland (Florida)

Description Field data collected during monthly water quality sampling

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm	Total	Actual					120.1	
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					OXYGEN	
PH	pH	None	Total	Actual					4500-H	
SECCHI	Depth, Secchi Disk Depth	m		Actual		Wet			SECCHI	
TEMP	Temperature, water	deg C		Actual		Wet			TEMP	
TURB	Turbidity	NTU	Total	Actual					TURB	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HWBACT	HW Bacteria Sampling	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					
Description		Bacterial sampling of 7 stations on Hollingsworth					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
F_COLI	Fecal Coliform	#/100ml	Total	Actual					9222-D	9222-B
	Acceptable Range	0.00000 - 800.00000 #/100ml								
T_COLI	Total Coliform	#/100ml	Total	Actual					9222-B	9222-B

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HWMI	Macroinvertebrate	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
Citations		USEPA, Donald J. Klemm, Philip A. Lewis, Florence Fulk, and James M. Lazorchak, 1990, Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters, USEPA, Environmental Monitoring Systems Laboratory- Cincinnati, Office of Research and Development, 600/4-90/030					
Description		Macroinvertebrates analysis on city lakes					

Characteristic Group Details

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City of Lakeland (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
12	Cryptochiridae		#/m2	Actual				
BRAN SOW	Branchiura sowerbyi		#/m2	Actual				
CAENIS	Caenis diminuta		#/m2	Actual				
CEOL CON	Coelotanypus concinnus		#/m2	Actual				
CEOL SCA	Coelotanypus scapularis		#/m2	Actual				
CHAOB	Chaoborus punctipennis		#/m2	Actual				
CLADO	Cladotanytarsus		#/m2	Actual				
CRASS	Chironomus crassicaudatus		#/m2	Actual				
CRYPTO	Cryptochironomus		#/m2	Actual				
DERO	Dero digitata		#/m2	Actual				
DICROTEN	Dicrotendipes		#/m2	Actual				
EINFELD	Einfeldia natchitochaeae		#/m2	Actual				
GLYP PA	Glyptotendipes paripes		#/m2	Actual				
GOEL CA	Goeldichironomus carus		#/m2	Actual				
GOELDO	Goeldichironomus		#/m2	Actual				
L HOFF	Limnodrilus hoffmeisteri		#/m2	Actual				
MELANOID	Melanoides tuberculatus		#/m2	Actual				
NAIS COM	Nais communis		#/m2	Actual				
NIAS VAR	Nais variabilis		#/m2	Actual				
POLYPED	Polypedilum halterale		#/m2	Actual				
PRIST_SY	Pristina synclites		#/m2	Actual				
PROCLAD	Procladius bellus		#/m2	Actual				
STIG	Chironomus stigmaterus		#/m2	Actual				
TANYTARS	Tanytarsus		#/m2	Actual				

Characteristic Group Details

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City of Lakeland (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
VIVIP	Viviparus georgianus		#/m2	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HWPHY	Hollingsworth Phytoplankton	Sample	Biological	Taxon Abundance	Phytoplankton/Zooplankton	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1	Achnanthes		#/ml	Actual				
10	Tetraedron caudatum		#/ml	Actual				
11	Scenedesmus quadricauda		#/ml	Actual				
12	Cryptomonas erosa		#/ml	Actual				
13	Cylindrospermopsis		#/ml	Actual				
14	Aphanocapsa		#/ml	Actual				
15	Aphanothece		#/ml	Actual				
16	Chroococcus		#/ml	Actual				
17	Lyngbya contorta		#/ml	Actual				
18	Lyngbya limnetica		#/ml	Actual				
19	Lyngbya lagerheimia		#/ml	Actual				
2	Fragilaria capucina		#/ml	Actual				
20	Merismopedia		#/ml	Actual				
21	Oscillatoria		#/ml	Actual				
22	Gomphosphaeria		#/ml	Actual				
23	Microcystis aeruginosa		#/ml	Actual				
24	Lyngbya		#/ml	Actual				

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City of Lakeland (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
25	Synedra ulna radians		#/ml	Actual				
26	Synedra		#/ml	Actual				
27	Synedra ulna var. splendens		#/ml	Actual				
28	Navicula		#/ml	Actual				
29	Nitzschia		#/ml	Actual				
3	Fragilaria construens		#/ml	Actual				
30	Chlamydomonas		#/ml	Actual				
31	Coelastrum microporum		#/ml	Actual				
32	Cosmarium		#/ml	Actual				
33	Golenkinia radiata		#/ml	Actual				
34	Pediastrum duplex		#/ml	Actual				
35	Pediastrum tetras		#/ml	Actual				
36	Scenedesmus		#/ml	Actual				
37	Scenedesmus bijuga		#/ml	Actual				
38	Selanastrum		#/ml	Actual				
39	Selanastrum gracile		#/ml	Actual				
4	Ankistrodesmus falcatus		#/ml	Actual				
40	Staurastrum		#/ml	Actual				
41	Tetraedron minimum		#/ml	Actual				
42	Dactylococcopsis		#/ml	Actual				
43	Microcystis		#/ml	Actual				
44	Gymnodinium		#/ml	Actual				
45	Peridinium		#/ml	Actual				
46	Scenedesmus bernardii		#/ml	Actual				

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City of Lakeland (Florida)

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
5	Ankistrodesmus convolutus		#/ml	Actual				
6	Oocystis parva		#/ml	Actual				
7	Scenedesmus abundans		#/ml	Actual				
8	Scenedesmus dimorphus		#/ml	Actual				
9	Scenedesmus denticulatus		#/ml	Actual				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WQ	Quarterly Water Quality monito	Sample	Water				N

Description water quality sampling in 17 city lakes.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AL	Aluminum	ug/l	Total	Actual					3111-D	
	Acceptable Range	20.00000 - 100.00000 ug/l								
CA	Calcium	mg/l	Total	Actual					3111-B	
	Acceptable Range	1.00000 - 25.00000 mg/l								
CD	Cadmium	ug/l	Total	Actual					3111-B	
	Acceptable Range	0.20000 - 2.00000 ug/l								
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					CHLA - 4.3.1	
	Acceptable Range	1.00000 - 200.00000 ug/l								
COLOR	Color, True	PCU	Total	Actual		Wet			2120-C	
	Acceptable Range	1.00000 - 500.00000 PCU								
CR	Chromium	ug/l	Total	Actual					3113-B	
	Acceptable Range	1.00000 - 20.00000 ug/l								
CU	Copper	ug/l	Total	Actual					3111-B	3113 B
	Acceptable Range	10.00000 - 800.00000 ug/l								
FE	Iron	ug/l	Total	Actual					3111-B	

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City of Lakeland (Florida)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	20.00000 - 800.00000 ug/l								
F_COLI	Fecal Coliform	#/100ml	Total	Actual					9222-D	9222-D
	Acceptable Range	1.00000 - 100.00000 #/100ml								
MG	Magnesium	mg/l	Total	Actual					3111-B	
	Acceptable Range	1.00000 - 10.00000 mg/l								
NH3_N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
	Acceptable Range	0.25000 - 20.00000 mg/l								
NO3NO2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual					353.2	
	Acceptable Range	0.10000 - 10.00000 mg/l								
ORT_P	Phosphorus, orthophosphate as P	mg/l		Actual					365.1	
	Acceptable Range	0.50000 - 10.00000 mg/l								
PB	Lead	ug/l	Total	Actual					3113-B	
	Acceptable Range	1.00000 - 20.00000 ug/l								
TDS	Solids, Dissolved	mg/l	Total	Actual					2540-C	2120 C
	Acceptable Range	1.00000 - 1,000.00000 mg/l								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NH3(G)	
	Acceptable Range	0.50000 - 10.00000 mg/l								
TN	Nitrogen ion (N)	mg/l	Total	Actual					NITROGEN	
TP	Phosphorus as P	mg/l	Total	Actual					365.4	
	Acceptable Range	0.50000 - 20.00000 mg/l								
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-D	
	Acceptable Range	1.00000 - 1,000.00000 mg/l								
T_ALK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
	Acceptable Range	10.00000 - 300.00000 mg/l								
T_COLI	Total Coliform	#/100ml	Total	Actual					9222-B	9222-B
	Acceptable Range	1.00000 - 100.00000 #/100ml								
ZN	Zinc	ug/l	Total	Actual					3111-B	
	Acceptable Range	10.00000 - 800.00000 ug/l								

Characteristic Group Details

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MDEDAT01

Maryland Dept. of the Environment Dredging Ambient Data

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
HMIBIO	HMI Benthic Macro Samples	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N	
Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
127917	Chironomidae		#/m2	Calculated	Mean			
127994	Tanypodinae		#/m2	Calculated	Mean			
128010	Coelotanypus		#/m2	Calculated	Mean			
128457	Orthoclaadiinae		#/m2	Calculated	Mean			
129229	Chironomini		#/m2	Calculated	Mean			
129368	Cryptochironomus		#/m2	Calculated	Mean	7.3		
155469	Bryozoa		#/m2	Estimated	Mean			
155470	Ectoprocta		#/m2	Calculated	Mean			
155823	Membranipora		#/m2	Estimated	Mean			
155827	Membranipora tenuis		count	Estimated				
204501	Polydora cornuta		#/m2	Calculated	Mean			
46861	Porifera		count	Calculated				
48738	Cnidaria		#/m2	Calculated	Mean			
48739	Hydrozoa		#/m2	Calculated	Mean			
51938	Anthozoa		#/m2	Calculated	Mean			
52749	Diadumene leucolena		#/m2	Calculated	Mean			
52766	Haliplanella luciae		#/m2	Calculated	Mean			
53964	Turbellaria		#/m2	Calculated	Mean			
54073	Polycladida		#/m2	Calculated	Mean			
54089	Stylochus ellipticus		#/m2	Calculated	Mean			
542121	Edotia triloba		#/m2	Calculated	Mean			
555698	Podarkeopsis levifuscina		#/m2	Calculated	Mean			

Characteristic Group Details

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MDE DAT01

Maryland Dept. of the Environment Dredging Ambient Data

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
567846	Macoma balthica		#/m2	Calculated	Mean			
57411	Nemertea		#/m2	Calculated	Mean			
57429	Carinoma tremaphoros		#/m2	Calculated	Mean			
57477	Micrura leidyi		#/m2	Calculated	Mean			
59490	Nematoda		#/m2	Calculated	Mean			
64358	Polychaeta		#/m2	Calculated	Mean			
65266	Eteone heteropoda		#/m2	Calculated	Mean			
65870	Nereididae		#/m2	Calculated	Mean			
65917	Nereis succinea		#/m2	Calculated	Mean			
65918	Neanthes succinea		#/m2	Calculated	Mean			
65965	Laeonereis culveri		#/m2	Calculated	Mean			
66132	Glycinde solitaria		#/m2	Calculated	Mean			
66599	Scoloplos fragilis		#/m2	Calculated	Mean			
66781	Spionidae		#/m2	Calculated	Mean			
66801	Polydora ligni		#/m2	Calculated	Mean			
66861	Scolecopides viridis		#/m2	Calculated	Mean			
66937	Paraprionospio pinnata		#/m2	Calculated	Mean			
66939	Streblospio benedicti		#/m2	Calculated	Mean			
67413	Capitellidae		#/m2	Calculated	Mean			
67415	Capitella capitata		#/m2	Calculated	Mean			
67420	Heteromastus filiformis		#/m2	Calculated	Mean			
67709	Pectinaria gouldi		#/m2	Calculated	Mean			
67755	Hobsonia florida		#/m2	Calculated	Mean			
67757	Hypaniola grayi (Archaic)		#/m2	Calculated	Mean			

Characteristic Group Details

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MDE DAT01

Maryland Dept. of the Environment Dredging Ambient Data

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
67762	Melinna		#/m2	Calculated	Mean			
68585	Tubificidae		#/m2	Calculated	Mean			
68588	Peloscolex		#/m2	Calculated	Mean			
68639	Limnodrilus hoffmeisteri		#/m2	Calculated	Mean			
68687	Tubificoides		#/m2	Calculated	Mean			
70494	Hydrobia		#/m2	Calculated	Mean			
70527	Littoridinops		#/m2	Calculated	Mean			
78156	Nudibranchia		#/m2	Calculated	Mean			
78439	Doridella obscura		#/m2	Calculated	Mean			
79118	Bivalvia		#/m2	Calculated	Mean			
79451	Mytilidae		#/m2	Calculated	Mean			
79561	Ischadium recurvum		#/m2	Calculated	Mean			
80959	Mulinia lateralis		#/m2	Calculated	Mean			
80962	Rangia cuneata		#/m2	Calculated	Mean			
81033	Macoma		#/m2	Calculated	Mean			
81054	Macoma mitchelli		#/m2	Calculated	Mean			
81332	Congeria leucophaeta		#/m2	Calculated	Mean			
81335	Mytilopsis leucophaeata		#/m2	Calculated	Mean			
81692	Mya arenaria		#/m2	Calculated	Mean			
85257	Copepoda		#/m2	Calculated	Mean			
89600	Balanus		#/m2	Calculated	Mean			
89622	Balanus improvisus		#/m2	Calculated	Mean			
89636	Balanus subalbidus		#/m2	Calculated	Mean			
89807	Mysidacea		#/m2	Calculated	Mean			

Characteristic Group Details

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MDE DAT01

Maryland Dept. of the Environment Dredging Ambient Data

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
89855	Mysida		#/m2	Calculated	Mean			
89856	Mysidae		#/m2	Calculated	Mean			
90062	Neomysis americana		#/m2	Calculated	Mean			
90139	Mysidopsis bigelowi		#/m2	Calculated	Mean			
90790	Leucon americanus		#/m2	Calculated	Mean			
92120	Isopoda		#/m2	Calculated	Mean			
92149	Cyathura polita		#/m2	Calculated	Mean			
92347	Cassinidea lunifrons		#/m2	Calculated	Mean			
92348	Cassinidea ovalis		#/m2	Calculated	Mean			
92637	Chiridotea		#/m2	Calculated	Mean			
92638	Chiridotea almyra		#/m2	Calculated	Mean			
93294	Amphipoda		#/m2	Calculated	Mean			
93295	Gammaridea		#/m2	Calculated	Mean			
93486	Leptocheirus plumulosus		#/m2	Calculated	Mean			
93594	Corophium lacustre		#/m2	Calculated	Mean			
93745	Gammaridae		#/m2	Calculated	Mean			
93746	Melitidae		#/m2	Calculated	Mean			
93773	Gammarus		#/m2	Calculated	Mean			
93779	Gammarus daiberi		#/m2	Calculated	Mean			
93781	Gammarus tigrinus		#/m2	Calculated	Mean			
93782	Gammarus palustris		#/m2	Calculated	Mean			
93783	Gammarus mucronatus		#/m2	Calculated	Mean			
93812	Melita nitida		#/m2	Calculated	Mean			
94519	Monoculodes		#/m2	Calculated	Mean			

Characteristic Group Details

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MDEDAT01

Maryland Dept. of the Environment Dredging Ambient Data

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
94539	Monoculodes edwardsi		#/m2	Calculated	Mean			
95599	Decapoda		#/m2	Calculated	Mean			
98748	Xanthidae		#/m2	Calculated	Mean			
98790	Rhithropanopeus harrisi		#/m2	Calculated	Mean			

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDCORE	Trace Metals/Core samples	Sample	Sediment				N

Citations Maryland Department of Natural Resources, 1980, Resource Monitoring Data Storage System Data Sheets Forms and Procedures, Maryland Department of Natural Resources Tidewater Administration Chesapeake Bay Research and Monitoring Division, Vol. 1 Pages 1 - 283

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDSURF	Trace Metals/Surficial samples	Sample	Sediment				N

Citations Maryland Department of Natural Resources, 1980, Resource Monitoring Data Storage System Data Sheets Forms and Procedures, Maryland Department of Natural Resources Tidewater Administration Chesapeake Bay Research and Monitoring Division, Vol. 1 Pages 1 - 283

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CR	Chromium	ug/g	Total	Actual		Ash-Free Dry		20 Deg C	304	
CU	Copper	ug/g	Total	Actual		Ash-Free Dry		20 Deg C	305	
FE	Iron	% by wt	Total	Actual		Ash-Free Dry		20 Deg C	306	
MN	Manganese	ug/g	Total	Actual		Ash-Free Dry		20 Deg C	307	
NI	Nickel	ug/g	Total	Actual		Ash-Free		20 Deg C	308	

Characteristic Group Details

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MDEDAT01

Maryland Dept. of the Environment Dredging Ambient Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ZN	Zinc	ug/g	Total	Actual		Dry Ash-Free Dry		20 Deg C	309	

Characteristic Group Details

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MDEDAT03 Maryland Dept. of the Environment Toxics Data

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CGBR	Back River	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AISU	Aluminum	ug/l	Supernate	Actual						
ALD	Aluminum	ug/l	Dissolved	Actual					200.1	
ALS	Aluminum	ug/l	Suspended	Actual					200.1	
ALT	Aluminum	ug/l	Total	Actual					200.1	
ASD	Arsenic	ug/l	Dissolved	Actual					200.1	
ASS	Arsenic	ug/l	Suspended	Actual					200.1	
ASSU	Arsenic	ug/l	Supernate	Actual					200.1	
AST	Arsenic	ug/l	Total	Actual					200.1	
CDD	Cadmium	ug/l	Dissolved	Actual					200.1	
CDS	Cadmium	ug/l	Suspended	Actual					200.1	
CDSU	Cadmium	ug/l	Supernate	Actual					200.1	
CDT	Cadmium	ug/l	Total	Actual					200.1	
CHLA	Chlorophyll a (probe)	ug/l	Dissolved	Actual						
COD	Cobalt	ug/l	Dissolved	Actual						
COS	Cobalt	ug/l	Suspended	Actual						
COT	Cobalt	ug/l	Total	Actual						
CRD	Chromium	ug/l	Dissolved	Actual					200.1	
CRS	Chromium	ug/l	Suspended	Actual					200.1	
CRSU	Chromium	ug/l	Supernate	Actual					200.1	
CRT	Chromium	ug/l	Total	Actual					200.1	
CUD	Copper	ug/l	Dissolved	Actual					200.1	
CUS	Copper	ug/l	Suspended	Actual					200.1	
CUSU	Copper	ug/l	Supernate	Actual					200.1	
CUT	Copper	ug/l	Total	Actual					200.1	
DOC	Carbon, organic	mg/l	Dissolved	Actual					CARB-UM	

Characteristic Group Details

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MDEDAT03

Maryland Dept. of the Environment Toxics Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FED	Iron	ug/l	Dissolved	Actual					200.1	
FES	Iron	ug/l	Suspended	Actual					200.1	
FET	Iron	ug/l	Total	Actual					200.1	
HGD	Mercury	ng/l	Dissolved	Actual					200.1	
HGS	Mercury	ng/l	Suspended	Actual					200.1	
HGT	Mercury	ng/l	Total	Actual					200.1	
MND	Manganese	ug/l	Dissolved	Actual					200.1	
MNS	Manganese	ug/l	Suspended	Actual					200.1	
MNSU	Manganese	ug/l	Supernate	Actual					200.1	
MNT	Manganese	ug/l	Total	Actual					200.1	
NH4	Nitrogen, ammonium (NH4) as NH4	mg/l	Dissolved	Actual						
NID	Nickel	ug/l	Dissolved	Actual					200.1	
NIS	Nickel	ug/l	Suspended	Actual					200.1	
NISU	Nickel	ug/l	Supernate	Actual					200.1	
NIT	Nickel	ug/l	Total	Actual					200.1	
NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual						
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual						
PAHD	Polycyclic aromatic hydrocarbons	ug/l	Dissolved	Actual					PAH-006	
PAHS	Polycyclic aromatic hydrocarbons	ug/l	Suspended	Actual					PAH-006	
PAHSU	Polycyclic aromatic hydrocarbons	ng/l	Supernate	Actual					PAH-006	
PAHT	Polycyclic aromatic hydrocarbons	ug/l	Total	Actual					PAH-006	
PBD	Lead	ug/l	Dissolved	Actual					200.1	
PBS	Lead	ug/l	Suspended	Actual					200.1	

Characteristic Group Details

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MDE DAT03

Maryland Dept. of the Environment Toxics Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PBSU	Lead	ug/l	Supernate	Actual					200.1	
PBT	Lead	ug/l	Total	Actual					200.1	
PCBD	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/l	Dissolved	Actual					PCB-003	
PCBS	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/l	Suspended	Actual					PCB-003	
PCBSU	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ng/l	Supernate	Actual					PCB-003	
PCBT	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/l	Total	Actual					PCB-003	
PIP	Phosphorus	mg/l	Suspended	Actual						
PN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Suspended	Actual					NITR-UM	
PO4	Phosphorus, orthophosphate as PO4	mg/l	Dissolved	Actual						
POC	Carbon, organic	mg/l	Suspended	Actual					CARB-UM	
PP	Phosphate	mg/l	Suspended	Actual						
SED	Selenium	ug/l	Dissolved	Actual					200.1	
SES	Selenium	ug/l	Suspended	Actual					200.1	
SESU	Selenium	ug/l	Supernate	Actual					200.1	
SET	Selenium	ug/l	Total	Actual					200.1	
SI	Silicon as Si	mg/l	Dissolved	Actual						
SND	Tin	ug/l	Dissolved	Actual					200.1	
SNS	Tin	ug/l	Suspended	Actual					200.1	
SNT	Tin	ug/l	Total	Actual					200.1	
TDN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Dissolved	Actual					NITR-UM	
TDP	Phosphorus	mg/l	Dissolved	Actual						

Characteristic Group Details

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MDE DAT03

Maryland Dept. of the Environment Toxics Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					NITR-UM	
ZND	Zinc	ug/l	Dissolved	Actual						
ZNS	Zinc	ug/l	Suspended	Actual						
ZNSU	Zinc	ug/l	Supernate	Actual						
ZNT	Zinc	ug/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CGUW	UPPER WESTERN	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLA	Chlorophyll a (probe)	ug/l	Dissolved	Actual						
DAS	Arsenic	ug/l	Dissolved	Actual					200.1	
DCD	Cadmium	ug/l	Dissolved	Actual					200.1	
DCR	Chromium	ug/l	Dissolved	Actual					200.1	
DCU	Copper	ug/l	Dissolved	Actual					200.1	
DHG	Mercury	ng/l	Dissolved	Actual					200.1	
DMN	Manganese	ug/l	Dissolved	Actual					200.1	
DNI	Nickel	ug/l	Dissolved	Actual					200.1	
DOC	Carbon, organic	mg/l	Dissolved	Actual					CARB-UM	
DPB	Lead	ug/l	Dissolved	Actual					200.1	
DSE	Selenium	ug/l	Dissolved	Actual					200.1	
DSN	Tin	ug/l	Dissolved	Actual					200.1	
DZN	Zinc	ug/l	Dissolved	Actual					200.1	
NH4	Nitrogen, ammonium (NH4) as NH4	mg/l	Dissolved	Actual						
NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual						

Characteristic Group Details

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MDE DAT03

Maryland Dept. of the Environment Toxics Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual						
PIP	Phosphorus	mg/l	Suspended	Actual						
PN	Nitrogen ion (N)	mg/l	Suspended	Actual						
PO4	Phosphorus, phosphate (PO4) as PO4	mg/l	Dissolved	Actual						
POC	Carbon, organic	mg/l	Suspended	Actual					CARB-UM	
PP	Phosphate	mg/l	Suspended	Actual						
SI	Silicon as Si	mg/l	Dissolved	Actual						
TAS	Arsenic	ug/l	Total	Actual					200.1	
TCD	Cadmium	ug/l	Total	Actual					200.1	
TCR	Chromium	ug/l	Total	Actual					200.1	
TCU	Copper	ug/l	Total	Actual					200.1	
TDN	Nitrogen ion (N)	mg/l	Dissolved	Actual						
TDP	Phosphorus	mg/l	Dissolved	Actual						
THG	Mercury	ng/l	Total	Actual					200.1	
TMN	Manganese	ug/l	Total	Actual					200.1	
TNI	Nickel	ug/l	Total	Actual					200.1	
TPB	Lead	ug/l	Total	Actual					200.1	
TSE	Selenium	ug/l	Total	Actual					200.1	
TSN	Tin	ug/l	Total	Actual					200.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					NITR-UM	
TZN	Zinc	ug/l	Total	Actual					200.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHWQPRA	Charm	Sample	Water				N

Characteristic Group Details

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MDE DAT03

Maryland Dept. of the Environment Toxics Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AL	Aluminum	ug/l	Dissolved	Actual					200.1	
AS	Arsenic	ug/l	Dissolved	Actual					200.1	
CD	Cadmium	ug/l	Dissolved	Actual					200.1	
CHLA	Chlorophyll a (probe)	ng/l	Dissolved	Actual						
CO	Cobalt	ug/l	Dissolved	Actual					200.1	
CR	Chromium	ug/l	Dissolved	Actual					200.1	
CU	Copper	ug/l	Dissolved	Actual					200.1	
DEPTH	Depth	m		Estimated						
DOC	Carbon, organic	mg/l	Dissolved	Actual					CARB-UM	
FE	Iron	ug/l	Dissolved	Actual					200.1	
HG*	Mercury	ug/l	Dissolved	Actual					1631	
MN	Manganese	ug/l	Dissolved	Actual					200.1	
NH4	Nitrogen, ammonium (NH4) as NH4	mg/l	Dissolved	Actual					NITR-UM	
NI	Nickel	ug/l	Dissolved	Actual					200.1	
NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual					NITR-UM	
NO23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					NITR-UM	
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					NITR-UM	
PB	Lead	ug/l	Dissolved	Actual					200.1	
PIP	Phosphorus	mg/l	Suspended	Actual						
PN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Suspended	Actual					NITR-UM	
PO4	Phosphorus, orthophosphate as PO4	mg/l	Dissolved	Actual						
POC	Carbon, organic	mg/l	Suspended	Actual					CARB-UM	
PP	Phosphorus as P	mg/l	Suspended	Actual						
SI	Silica	mg/l		Actual						

Characteristic Group Details

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MDEDAT03

Maryland Dept. of the Environment Toxics Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
T-PAH	Polycyclic aromatic hydrocarbons	ug/l	Dissolved	Actual					PAH-006	
T-PCB	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/l	Dissolved	Actual					PCB-003	
TDN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Dissolved	Actual					NITR-UM	
TDP	Phosphorus	mg/l	Dissolved	Calculated						
TSP	Phosphorus	mg/l	Suspended	Actual						
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					NITR-UM	
ZN	Zinc	ug/l	Dissolved	Actual					200.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS	Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Aluminum									

Characteristic Group Details

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MDE DAT04

MD Dept. Environment In House Water Data

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
AMD	Acid Mine Drainage	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ACID	Acidity as CaCO3	mg/l	Total	Actual					305.1	
AL_I	Aluminum, Inorganic Monomeric (reactive aluminum)	mg/l	Total	Actual					REACTIVE AL	
	Acceptable Range	0.01000 - 0.30000 mg/l								
AL_O	Aluminum, Organic Monomeric (reactive aluminum)	mg/l	Total	Actual					REACTIVE AL	
	Acceptable Range	0.01000 - 0.30000 mg/l								
AL_T	Aluminum, Organic + Inorganic Monomeric (reactive aluminum)	mg/l	Total	Actual					REACTIVE AL	
	Acceptable Range	0.01000 - 0.30000 mg/l								
ANC	Acid Neutralizing Capacity (ANC)	ug/l	Total	Actual					TITRATION_AN C	
CA_T	Calcium	mg/l	Total	Actual					215.1	
DOC	Carbon, organic	mg/l	Dissolved	Actual					415.1	
FE_T	Iron	mg/l	Total	Actual					236.1	
K_T	Potassium	mg/l	Total	Actual					258.1	
MG_T	Magnesium	mg/l	Total	Actual					242.1	
NA_T	Sodium	mg/l	Total	Actual					273.1	
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					4500-NO3(C)	
PH_CL	pH	None		Actual					150.1	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					4500-SO4(B)	
TALK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					310.1	
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
BACTI	Bacteriological	Sample	Water				N			

Characteristic Group Details

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MDE DAT04 MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ECOC	Enterococcus Group Bacteria	MPN		Actual					ECOC	
ECOL	Escherichia coli	MPN		Actual					E. COLI	
FCOL	Fecal Coliform	MPN	Total	Actual					9222-D	
TCOL	Total Coliform	MPN	Total	Actual					9222-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIOL	Biological	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BISI	Diatoms	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CALCLOG	Calculated Datalog Info	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Calculated					2510	
DO	Dissolved oxygen (DO)	mg/l		Calculated					4500-O-G	
SALINITY	Salinity	ppt		Calculated					2520-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CARB-MD	Carbon-DHMH	Sample	Water				N

Citations USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020

Characteristic Group Details

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MDE DAT04

MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOC	Carbon, organic	mg/l	Dissolved	Actual					415.2	
PC	Carbon, organic	mg/l	Suspended	Calculated					PC-CALC	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.2	
	Acceptable Range	0.05000 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CARB-UM	Carbon-UMCES	Sample	Water				N
Citations	USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DIC	Carbon, inorganic	mg/l	Dissolved	Actual					5310-B	
DOC	Carbon, organic	mg/l	Dissolved	Actual					415.2	
PC	Carbon, organic	mg/l	Non-filterable	Actual					PN/PC	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Calculated					415.2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHLORO	Chlorophyll	Sample	Water				N
Citations	American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition., American Public Health Association, 20th Edition						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHAA	Chlorophyll a, corrected for pheophytin	ug/l		Calculated					10200-H	
CHLA	Chlorophyll a, uncorrected for pheophytin	ug/l		Calculated					10200-H	
CHLB	Chlorophyll-b	ug/l		Calculated					10200-H	

Characteristic Group Details

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MDE DAT04

MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLC	Chlorophyll-c	ug/l		Calculated					10200-H	
CHTO	Chlorophyll (a+b+c)	ug/l	Total	Calculated					10200-H	
PHEA	Pheophytin-a	ug/l		Calculated					10200-H	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DATALOG	Field Measurements	Data Logger	Water				N

Citations Annapolis, MD Field Operations, 2001, STANDARD OPERATING PROCEDURES FOR THE COLLECTION AND HANDLING OF WATER SAMPLES, Maryland Department of the Environment, Vol.1 Appendix A [Document/Graphic](#)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND_FLD	Specific conductance	umho/cm		Actual					SONDE	
DEPTH	Depth, data-logger (non-ported)	m		Actual					SONDE	
DO_FLD	Dissolved oxygen (DO)	mg/l		Actual					SONDE	
ORP	Oxidation reduction potential (ORP)	mV		Actual					SONDE	
PH_FLD	pH	None		Actual					SONDE	
SAL_FLD	Salinity	ppt		Actual					SONDE	
TURB	Turbidity	NTU		Actual					SONDE	
WATEMP	Temperature, water	deg C		Actual					SONDE	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	Flow	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOW	Flow	cfs		Actual					F01	

Characteristic Group Details

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MDE DAT04 MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TIDE	Tide stage (choice list)								TIDE-F01	
WAVE_HT	Wave height	m		Estimated					WEATHER-F01	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INORG	General Inorganics	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CL	Chloride	mg/l	Total	Actual					300(A)	
SI	Silicate	mg/l	Dissolved	Actual					370.1	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					375.2	
	Acceptable Range	3.00000 - 300.00000 mg/l								
TALK	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual					310.1	
TSS	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					160.2	
	Acceptable Range	4.00000 - 20,000.00000 mg/l								
TVS	Solids, Volatile	mg/l	Total	Actual					2540-E	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METALS	Metals	Sample	Water				N

Citations USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AL_T	Aluminum	mg/l	Total	Actual					202.1	
	Acceptable Range	0.02000 - 0.20000 mg/l								
CD_T	Cadmium	mg/l	Total	Actual					213.1	
	Acceptable Range	0.05000 - 2.00000 mg/l								

Characteristic Group Details

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MDE DAT04 MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FE_T	Iron	mg/l	Total	Actual					236.1	
	Acceptable Range	0.30000 - 5.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METEOR	Meteorological	Field Msr/Obs	Air				N
	Description	Weather-related field observations					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIRTEMP	Temperature, air	deg C		Actual					WEATHER-F01	
PERCLOUD	Cloud cover	%		Estimated					WEATHER-F01	
WEATHTOD	Weather Condition (WMO Code 4501) (Choice List)									
WEATHYES	RBP2, Weather Condition, Past 24 Hours									
WIND_DIR	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual					WEATHER-F01	
	Acceptable Range	0.00000 - 360.00000 Deg								
WIND_VEL	Wind velocity	knots		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NITR-MD	Nitrogen-DHMH	Sample	Water				N
	Citations	USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DIN	Nitrogen, inorganic	mg/l	Dissolved	Actual						
DON	Nitrogen, organic	mg/l	Dissolved	Calculated						

Characteristic Group Details

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MDEDAT04

MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NH4	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	
NO2	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					353.2	
NO23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
	Acceptable Range	0.05000 - 10.00000 mg/l								
NO3	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Calculated					353.2	
PN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Suspended	Calculated					PN-CALC	
TDN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Dissolved	Calculated					TDN-CALC	
TKNF	Nitrogen, Kjeldahl	mg/l	Filterable	Actual					351.2	
	Acceptable Range	0.10000 - 20.00000 mg/l								
TKNW	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Acceptable Range	0.10000 - 20.00000 mg/l								
TN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Calculated					TN	
	Acceptable Range	0.20000 - 3.00000 mg/l								
TON	Nitrogen, organic	mg/l	Total	Calculated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NITR-UM	Nitrogen-UMCES	Sample	Water				N
Citations	USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DIN	Nitrogen, inorganic	mg/l	Dissolved	Calculated						
DON	Nitrogen, organic	mg/l	Dissolved	Calculated						

Characteristic Group Details

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MDE DAT04 MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NH4	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	
NO2	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					353.2	
NO23	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.05000 - 10.00000 mg/l								
NO3	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Calculated					353.2	
PN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Suspended	Actual					PN/PC	
TDN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Dissolved	Actual					TDN/TDP	
TN	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Calculated					TN	
TON	Nitrogen, organic	mg/l	Total	Calculated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHOS-MD	Phosphorus-DHMH	Sample	Water				N

Citations USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOP	Phosphorus, organic as P	mg/l	Dissolved	Calculated						
PO4	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PP	Phosphorus as P	mg/l	Non-filterable	Calculated						
TDP	Phosphorus as P	mg/l	Dissolved	Actual					365.4	
	Acceptable Range	0.01000 - 20.00000 mg/l								
TP	Phosphorus as P	mg/l	Total	Actual					365.4	

Characteristic Group Details

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MDE DAT04 MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
	Acceptable Range	0.01000 - 20.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHOS-UM	Phosphorus-UMCES	Sample	Water				N
Citations		USEPA, 1979, Methods for Analysis of Water., USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOP	Phosphorus, organic as P	mg/l	Dissolved	Calculated						
PIP	Phosphorus as P	mg/l	Non-filterable	Actual					PP/PIP	
PO4	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
PP	Phosphorus as P	mg/l	Suspended	Actual					PP/PIP	
TDP	Phosphorus as P	mg/l	Dissolved	Actual					TDN/TDP	
TIP	Phosphorus as P	mg/l	Total	Calculated					MISC_CALC	
TOP	Phosphorus, organic as P	mg/l	Total	Calculated						
TP	Phosphorus as P	mg/l	Total	Calculated					TP-CALC	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYS-FLD	Physical Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Calculated					2510	
COND_FLD	Specific conductance	mg/l		Actual					SONDE	
DO	Dissolved oxygen (DO)	mg/l		Calculated					4500-O-G	
DO_FLD	Dissolved oxygen (DO)	mg/l		Actual					SONDE	

Characteristic Group Details

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MDEDAT04 MD Dept. Environment In House Water Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ORP	Oxidation reduction potential (ORP)	mV		Actual					SONDE	
PH_FLD	pH	None		Actual					SONDE	
SALINITY	Salinity	ppt		Calculated					2520-B	
SAL_FLD	Salinity	ppt		Actual					SONDE	
SECCHI	Depth, Secchi Disk Depth	m		Actual					SEC-F01	
SECCHIB	Depth, Secchi Disk Depth (Choice List)								SEC-F01	
TDEPTH	Depth, bottom	m		Actual					DEPTH-F01	
TURB	Turbidity	NTU		Actual					SONDE	
WATEMP	Temperature, water	deg C		Actual					SONDE	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYS-LAB	Physical Measurements-Lab	Sample	Water				N
Description		Physical Measurements analyzed by a laboratory					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BOD5	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
	Acceptable Range	1.00000 - 25.00000 mg/l								
IBOD	BOD, Biochemical oxygen demand	mg/l		Actual					405.1	
	Acceptable Range	1.00000 - 25.00000 mg/l								
PH_CLOSD	pH	None		Actual						
TURB	Turbidity	NTU		Actual					180.1	
	Acceptable Range	0.00000 - 40.00000 NTU								

Characteristic Group Details

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MDE DAT07

Maryland Dept. of the Environment Shellfish Data

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACT	Bacteriological	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FCOL	Fecal Coliform	MPN		Actual					3.2-B	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	FLOW	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TIDE	Tide stage (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METEOR	Meteorological	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR_TEMP	Temperature, air	deg C		Actual						
WIND_DIR	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
WIND_VEL	Wind velocity	knots		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYS-FLD	Physical Field Measurements	Field Msr/Obs	Water				N

Characteristic Group Details

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MDEDAT07

Maryland Dept. of the Environment Shellfish Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	umho/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
PH	pH	None	Dissolved	Actual					3.2-B	
SALINITY	Salinity	ppt		Actual						
WAT_TEMP	Temperature, water	deg C		Actual						
WEATHER	Weather Comments (text)									

Characteristic Group Details

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MDEDAT08

Maryland Department Of Environment Beaches Data

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACT	Bacteriological	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ECOLI	Escherichia coli	MPN	Total	Actual					COLIQUANT	
ENTERO	Enterococcus Group Bacteria	MPN	Total	Actual					ENTQUANT	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	FLOW	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TIDE	Tide stage (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METEOR	Meteorological	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIRTEMP	Temperature, air	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYS-FLD	Physical Field Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
WATTEMP	Temperature, water	deg F		Actual					SONDE	
WEATHER	Weather Comments (text)								SONDE	

Characteristic Group Details

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MDE DAT09 Maryland Dept. of the Environment Risk Assessment Data

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CBOT	OYSTER TISSUE CONTAMINANT DATA	Sample	Biological	Tissue			N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver Acceptable Range	ug/g	Total	Actual		Wet			6010B	
AS	Arsenic Acceptable Range	ug/g	Total	Actual		Wet			6010B	
CD	Cadmium Acceptable Range	ug/g	Total	Actual		Wet			6010B	
CHLORDANES	Chlordane	ng/g	Total	Actual		Wet			8260A	
CR	Chromium Acceptable Range	ug/g	Total	Actual		Wet			6010B	
CU	Copper Acceptable Range	ug/g	Total	Actual		Wet			6010B	
DDT	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Actual		Wet			680	
HG	Mercury Acceptable Range	ug/g	Total	Actual		Wet			6010B	
LENGTH	Length	mm		Actual	Mean	Wet				
LIPID	Lipids (unspecified mix)	%		Actual		Wet			8260A	
METHYLHG	Methylmercury (+1) ion Acceptable Range	ng/g	Total	Actual		Wet			6010B	
NI	Nickel Acceptable Range	ug/g	Total	Actual		Wet			6010B	
PB	Lead Acceptable Range	ug/g	Total	Actual		Wet			6010B	
PCB	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ng/g	Total	Actual		Wet			6010B	
SE	Selenium Acceptable Range	ug/g	Total	Actual		Wet			6010B	

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MDE DAT09

Maryland Dept. of the Environment Risk Assessment Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
WEIGHT	Weight	g		Actual	Mean	Wet				
ZN	Zinc	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.05500 - 5.00000 ug/g								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CGFT	FISH TISSUE CONTAMINANTS DATA	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00100 - 0.10000 ug/g								
AS	Arsenic	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.02900 - 1.00000 ug/g								
CD	Cadmium	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00200 - 0.10000 ug/g								
CHLORDANES	Chlordane	ng/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00100 - 200.00000 ng/g								
CR	Chromium	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.02000 - 1.00000 ug/g								
CU	Copper	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.01400 - 1.00000 ug/g								
DDT	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Actual		Wet			680	
	Acceptable Range	0.00010 - 500.00000 ng/g								
FSLENGTH	Length, Standard (Fish)	mm		Actual		Wet				
	Acceptable Range	0.50000 - 5,000.00000 mm								
HG	Mercury	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00400 - 0.10000 ug/g								
LENGTH	Length	mm		Actual	Mean	Wet				

Characteristic Group Details

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MDEDAT09 Maryland Dept. of the Environment Risk Assessment Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	50.00000 - 1,000.00000 mm								
LIPID	Lipids (unspecified mix)	%	Total	Actual		Wet			8260A	
	Acceptable Range	0.10000 - 20.00000 %								
METHYLHG	Methylmercury (+1) ion	ng/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00006 - 100.00000 ng/g								
MN	Manganese	ug/g	Total	Actual					243.1_M	
NI	Nickel	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00100 - 1.00000 ug/g								
PB	Lead	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00100 - 0.10000 ug/g								
PCB	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/g	Total	Actual		Wet			6010B	PCB-007
	Acceptable Range	0.00010 - 2,000.00000 ug/g								
SE	Selenium	ug/g	Total	Actual		Wet			6010B	
	Acceptable Range	0.00900 - 1.00000 ug/g								
SWEIGHT	Weight, volatile portion	g	Total	Actual		Wet			COMAR	
	Acceptable Range	0.10000 - 50.00000 g								
WEIGHT	Weight	g		Actual	Mean	Wet				
	Acceptable Range	500.00000 - 10,000.00000 g								
ZN	Zinc	ug/g	Total	Actual		Wet			200.11	200.7-T
	Acceptable Range	0.05500 - 10.00000 ug/g								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CGFT02	Bioaccumulative Toxic data	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/g	Total	Actual		Wet			6010B	
AS	Arsenic	ug/g	Total	Actual		Wet			6010B	

Characteristic Group Details

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MDE DAT09

Maryland Dept. of the Environment Risk Assessment Data

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CD	Cadmium	ug/g	Total	Actual		Wet			6010B	
CR	Chromium	ug/g	Total	Actual		Wet			6010B	
CU	Copper	ug/g	Total	Actual		Wet			6010B	
DDT	DDT ***retired*** (use DDT, p,p'-)	ng/g	Total	Actual		Wet			680	
FSLENGTH	Length, Standard (Fish)	mm		Actual		Wet			COMAR	
HG	Mercury	ug/g	Total	Actual		Wet			6010B	
LENGTH	Length	mm		Actual	Mean	Wet				
LIPID	Lipids (unspecified mix)	%	Total	Actual		Wet			8260A	
METHYLHG	Methylmercury (+1) ion	ng/g	Total	Actual		Wet			6010B	
MN	Magnesium	ug/g	Total	Actual		Wet			243.1_M	SFSAS_FT_PREP
NI	Nickel	ug/g	Total	Actual		Wet			6010B	
PCB	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/g	Total	Actual		Wet			6010B	
SE	Selenium	ug/g	Total	Actual		Wet			6010B	
SWEIGHT	Weight, volatile portion	g	Total	Actual		Wet			COMAR	
WEIGHT	Weight	g		Actual	Mean	Wet				
ZN	Zinc	ug/g	Total	Actual		Wet				

Characteristic Group Details

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MDEDAT10

MD Dept. of the Environment Private Pier Aquaculture Program

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BACT	Bacteriological	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FCOL	Fecal Coliform	MPN	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	FLOW	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TIDE	Tide stage (choice list)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
METEOR	Meteorological	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR_TEMP	Temperature, air	deg F		Actual						
WIND_DIR	Wind direction (direction from, expressed 0-360 deg)	Deg		Actual						
WIND_VEL	Wind velocity	knots		Estimated						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYS-FLD	Physical Field Measurements	Field Msr/Obs	Water				N

Characteristic Group Details

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MDEDAT10

MD Dept. of the Environment Private Pier Aquaculture Program

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
PH	pH	None	Dissolved	Actual					9222-D	
SALINITY	Salinity	ppt		Actual						
WAT_TEMP	Temperature, water	deg C		Actual						
WEATHER	Weather Condition (WMO Code 4501) (Choice List)									

Characteristic Group Details

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MDEQ-WQ

Montana DEQ - Water Quality Division

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
APFS	Aquatic Plant Field Sheet	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
APFS	Aquatic Plant Field Form	Characterizes aquatic plant growth at the sampling site.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BUGHA	Macroinvertebrate Assessment	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
BUGHA	Macroinvertebrate Assessment	Macroinvertebrate Habitat Assessment Field Form for either Riffle/Run or Glide/Pool prevalent streams.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DEQ-SUPQ	DEQ Supplementary Questions	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
DEQ-SUPQ	DEQ Supplementary Questions	DEQ Supplementary Questions used to test precision and help determine the relative condition of the habitat and water quality.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	Total Discharge	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
FLOW	Total Discharge	Total discharge form to determine flow of the stream while sampling.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FMO-AIR	Fld Msr & Obs, Air	Field Msr/Obs	Air				N

Citations MT DEQ MDM, 1995, Standard Operating Procedures Manual, Montana Department of Environmental Quality, Volume 1
Description Air temperature, and other measurements taken in the field.

Characteristic Group Details

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MDEQ-WQ

Montana DEQ - Water Quality Division

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR	Temperature, air	deg F		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FMO-W1	Fld Msr & Obs, Water	Field Msr/Obs	Water				N

Citations MT DEQ MDM, 1995, Standard Operating Procedures Manual, Montana Department of Environmental Quality, Volume 1
Description Standard Field Measurements of water using probe or meter

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual						
PH	pH	None		Actual					150.1	
	Acceptable Range	2.00000 - 12.00000	None							
Q-EST	Flow	cfs		Estimated					FLOW-ESTIMATED	
Q-METER	Flow	cfs		Actual					FLOW-METER	
Q-STAFF	Flow	cfs		Actual					FLOW-STAFF GAGE	
Q-VISUAL	Flow	cfs		Estimated					FLOW-VISUAL EST	
SC	Specific conductance	umho/cm		Actual						
T	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 37.00000	deg C							
TUR	RBP Turbidity Code									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NRCS	Riparian Assessment Worksheet	Field Msr/Obs					Y

Characteristic Group Details

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MDEQ-WQ

Montana DEQ - Water Quality Division

Row ID	Characteristic Name	Description
NRCS	Riparian Assessment Worksheet	Riparian Assessment Worksheet created by the Natural Resources Conservation Service.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEBBLECT	Pebble Count	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
PEBBLECT	Pebble Count	Pebble Count for substrate characterization.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ROSGEN	Rosgen Stream Classification	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
ROSGEN	Rosgen Stream Classification	Rosgen Stream Classification

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RSI	Riffle Stability Index	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
RSI	Riffle Stability Index	Riffle Stability Index for substrate characterization.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SITE	Site Assessment Form	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
SITE	Site Assessment Form	Site Assessment Form

Characteristic Group Details

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MDEQ-WQ

Montana DEQ - Water Quality Division

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SRAF	Stream Reach Assessment Form	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
SRAF	Stream Reach Assessment Form	Stream Reach Assessment Form

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SRASP	Stream Reach Assess Supplement	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
SRASP	Stream Reach Assess Supplement	Stream Reach Assessment - Supplemental Pages

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
XS	Channel Cross-Section	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
XSECTION	Channel Cross-Section	Channel Cross-Section to determine Total Cross-Sectional Area with either a laser level or non-laser.

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MEDEP

Maine Department of Environmental Protection

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BM-MAC	Benthic Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations Maine Department of Environmental Protection, 2002, Methods for Biological Sampling and Analysis of Maine's Waters, MDEP, Augusta ME, 2002

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
L-1	Lake Water Measurements	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					2550	
	Acceptable Range	0.00000 - 100.00000 deg C								
2	Depth, Secchi Disk Depth	ft		Actual						
	Acceptable Range	0.00000 - 100.00000 ft								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
L-2	Lake Air Measurements	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Wind velocity	mph		Actual						
	Acceptable Range	0.00000 - 100.00000 mph								
2	Wind direction (direction from, expressed 0-360 deg)									
3	Cloud cover									

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Minnesota Pollution Control Agency

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CLMP1	CLMP Group 1	Field Msr/Obs	Water				N

Citations Klang, Jennifer, 2000, Citizen Lake-Monitoring Program: Minnesota's Volunteer Lake Monitoring Handbook, Minnesota Pollution Control Agency, all pages

Description Observations as part of the Citizen Lake Monitoring Program, administered by the MPCA, are secchi transparency, lake appearance and recreational suitability, collected with the cited protocol from 1988 to present.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHY	Lake Physical Appearance (choice list)								CLMP-CONDSUIT-1	
REC	Lake Recreational Suitability (choice list)								CLMP-CONDSUIT-1	
SD	Depth, Secchi Disk Depth	m		Actual					CLMP-SD-1	
	Acceptable Range	0.00000 - 15.00000 m								
SDL	Depth, Secchi Disk Depth	m		Actual	Minimum				CLMP-SD-1	
	Acceptable Range	0.00000 - 15.00000 m								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CSMP1	CSMP Group 1	Field Msr/Obs	Water				N

Citations Sovell, Laurie, 1998, Citizen Stream Sampling Protocol, Minnesota Pollution Control Agency, all pages

Description The measurements for the CSMP, administered by MPCA, include stream water transparency using a tube, stream stage, relationship to rainfall, stream appearance and recreational suitability.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHY_1-7	Stream Physical Appearance (choice list)								CSMP-CONDSUIT-1	
PHY_1A-5	Stream Physical Appearance, Minnesota (choice list)								CSMP-CONDSUIT-1	
RAIN	Precipitation	in		Actual			24 Hours		CSMP-RAIN-24H	

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Minnesota Pollution Control Agency

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 12.00000 in								
RAIN-YN	Weather Comments (text)								CSMP-RAIN-Y/N	
RAINL	Precipitation	in		Actual	Minimum		24 Hours		CSMP-RAIN-24H	
REC	Stream Recreational Suitability (choice list)								CSMP-CONDSUIT-1	
STAGE_C	Stream stage height	ft		Actual					FLD STR STG 10	
	Acceptable Range	0.00000 - 1,000.00000 ft								
TD_IN	Distance from/to	in		Actual					CSMP-TD	
TUBE100	Transparency, tube with disk	cm		Actual					CSMP-TTUBE100	
	Acceptable Range	0.00000 - 100.00000 cm								
TUBE100L	Transparency, tube with disk	cm		Actual	Minimum				CSMP-TTUBE100	
	Acceptable Range	100.00000 - 100.00000 cm								
TUBE60	Transparency, tube with disk	cm		Actual					CSMP-TTUBE60	
	Acceptable Range	0.00000 - 60.00000 cm								
TUBE60L	Transparency, tube with disk	cm		Actual	Minimum				CSMP-TTUBE60	
	Acceptable Range	60.00000 - 60.00000 cm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CWPRUSH	ALL CHEM	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Characteristic Group Details

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Minnesota Pollution Control Agency

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Escherichia coli	#/100ml	Total	Estimated	Minimum				COLILERT	
	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
	Phosphorus as P	mg/l	Total	Actual					365.1	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NH3(C)	
	Solids, Volatile	mg/l	Suspended	Actual					160.4	
	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					13765	
	Turbidity	NTU		Actual					180.1	

Group ID FIELD_DA	Group Name Field Data	Field Activity Field Msr/Obs	Medium Water	Intent	Community	Result Group	Habitat N
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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Stream condition (text)			Actual					FLD STAGE EST	
	Transparency, tube with disk	cm		Actual					CSMP-TTUBE60	
	Acceptable Range	0.00000 - 60.00000 cm								
	Turbidity	FNU		Actual					FLD TURB	
	Acceptable Range	0.00000 - 1,000.00000 FNU								
	pH	None		Actual					FLD PH	
	Acceptable Range	0.90000 - 12.00000 None								
	Dissolved oxygen (DO)	mg/l		Actual					DO PROBE	
	Acceptable Range	0.00000 - 30.00000 mg/l								
	Specific conductance	uS/cm		Actual				25 Deg C	FLD	

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MNPCA1 Minnesota Pollution Control Agency

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
									CONDUCTANCE	
	Acceptable Range	0.00000 - 60,000.00000 uS/cm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	KATIE'S FLOW	Field Msr/Obs	Water				N
	Description	This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Flow	cfs		Estimated					FLD STR FLOW 2	
	Acceptable Range	0.00000 - 100,000.00000 cfs								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2045	2045	Field Msr/Obs	Water				N
	Description	Group used to transfer Transparency Tube data to Hydstra.					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2113	2113	Sample	Water				N
	Description	Group used to transfer Alkalinity data to Hydstra.					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2131	2131	Sample	Water				N
	Description	Group used to transfer Hardness data to Hydstra.					

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Minnesota Pollution Control Agency

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2172	2172	Sample	Water				N
Description		Group used to transfer TSS data to Hydstra.					
HYD2175	2175	Sample	Water				N
Description		Group used to transfer Dissolved Solids data to Hydstra.					
HYD2178	2178	Sample	Water				N
Description		Group used to transfer Volatile Solids data to Hydstra.					
HYD2262	2262	Field Msr/Obs	Water				N
Description		Group used to transfer Flow data to Hydstra.					
HYD2311	2311	Sample	Water				N
Description		Group used to transfer Chloride data to Hydstra.					
HYD2334	2334	Sample	Water				N
Description		Group used to transfer Nitrogen, ammonia (NH3) + ammonium (NH4) data to Hydstra.					
HYD2335	2335	Sample	Water				N

Characteristic Group Details

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Minnesota Pollution Control Agency

Description Group used to transfer Ammonia as NH3 data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2336	2336	Sample	Water				N

Description Group used to transfer Kjeldahl Nitrogen data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2340	2340	Sample	Water				N

Description Group used to transfer Nitrogen, Nitrate (NO3) as N data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2341	2341	Sample	Water				N

Description Group used to transfer Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2361	2361	Sample	Water				N

Description Group used to transfer Orthophosphate as P data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2363	2363	Sample	Water				N

Description Group used to transfer Phosphorus as P data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2401	2401	Sample	Water				N

Description Group used to transfer Sulfur data to Hydstra.

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD2450	2450	Field Msr/Obs	Water				N
Description		Group used to transfer Temperature data to Hydstra.					
HYD2810	2810	Field Msr/Obs	Water				N
Description		Group used to transfer Turbidity data to Hydstra.					
HYD2825	2825	Field Msr/Obs	Water				N
Description		Group used to transfer Specific Conductance data to Hydstra.					
HYD2860	2860	Field Msr/Obs	Water				N
Description		Group used to transfer pH data to Hydstra.					
HYD2866	2866	Field Msr/Obs	Water				N
Description		Group used to transfer DO data to Hydstra.					
HYD3001	3001	Sample	Water				N
Description		Group used to transfer BOD data to Hydstra.					
HYD3011	3011	Sample	Water				N

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Minnesota Pollution Control Agency

Description Group used to transfer COD data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD6112	6112	Sample	Water				N

Description Group used to transfer Fecal Coliform data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD6114	6114	Sample	Water				N

Description Group used to transfer E. coli data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD7001	7001	Sample	Water				N

Description Group used to transfer Chlorophyll corrected for Pheophytin data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HYD7002	7002	Sample	Water				N

Description Group used to transfer Chlorophyll a, uncorrected for pheophytin data to Hydstra.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE FLD	Lake Field Meas	Field Msr/Obs	Water				N

Citations Minnesota Pollution Control Agency Quality Assurance Program, 2000, www.pca.state.mn.us/programs/qa_p.html, Minnesota Pollution Control Agency, all pages

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO-%	Dissolved oxygen saturation	%		Calculated					DO SATURATION	
	Acceptable Range	0.00000 - 200.00000 %								

Characteristic Group Details

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MNPCA1 Minnesota Pollution Control Agency

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DPTH-BOT	Depth, bottom	m		Actual					LK DEPTH BOTTOM	
	Acceptable Range	0.00000 - 100.00000 m								
PH	pH	None		Actual					150.1	
	Acceptable Range	0.90000 - 12.00000 None								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LKPEPIN	Lake Pepin Parameters-NF	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Solids, Volatile	mg/l	Total	Actual					160.4	
	Phosphorus, orthophosphate as P	mg/l	Total	Actual					QC10-115-01-1-A	
	Phosphorus as P	mg/l	Total	Actual					365.1	
	Turbidity	NTRU	Total	Actual					2130	
	Solids, Total	mg/l	Total	Actual		Dry			2540-B	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Solids, Volatile	mg/l	Suspended	Actual					2540-E	
	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual		Dry			2540-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MAPLE	ALLPARM	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Escherichia coli	#/100ml	Total	Estimated	Minimum				COLILERT	
	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
	Phosphorus as P	mg/l	Total	Actual					365.1	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Nitrogen, Kjeldahl	mg/l	Total	Actual					4500-NOR(B)	
	Solids, Volatile	mg/l	Suspended	Actual					160.4	
	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					13765	
	Turbidity	NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MATT_FLD	Matt's Field Data	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Oxidation reduction potential (ORP)	mV		Actual					REDOX	
	Acceptable Range	0.00000 - 1,000.00000 mV								
	Specific conductance	uS/cm		Actual				25 Deg C	FLD CONDUCTANCE	
	Acceptable Range	0.00000 - 60,000.00000 uS/cm								
	Dissolved oxygen (DO)	mg/l		Actual					DO PROBE	
	Acceptable Range	0.00000 - 30.00000 mg/l								
	pH	None		Actual					FLD PH	
	Acceptable Range	0.90000 - 12.00000 None								
	Temperature, water	deg C		Actual					FLD TEMP	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 35.00000 deg C								
	Dissolved oxygen saturation	%		Calculated					DO SATURATION	
	Acceptable Range	0.00000 - 200.00000 %								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MDH402	SVOCs	Sample	Water				N
Citations	Minnesota Pollution Control Agency Quality Assurance Program, 2000, www.pca.state.mn.us/programs/qa_p.html , Minnesota Pollution Control Agency, all pages						
Description	Suite of semi-volatile organic compound analyses						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Acenaphthene	ug/l	Total	Actual					MDH402	
10	Benzo[a]anthracene	ug/l	Total	Actual					MDH402	
100	Phenanthrenes, C1-C4	ug/l	Total	Actual					MDH402	
101	Phenol	ug/l	Total	Actual					MDH402	
102	Picoline, 2-	ug/l	Total	Actual					MDH402	
103	Pronamide	ug/l	Total	Actual					MDH402	
104	Pyrene	ug/l	Total	Actual					MDH402	
105	Tetrachlorobenzene, 1,2,4,5-	ug/l	Total	Actual					MDH402	
106	Tetrachlorophenol, 2,3,4,6-	ug/l	Total	Actual					MDH402	
107	1,2,4-Trichlorobenzene	ug/l	Total	Actual					MDH402	
108	Trichlorophenol, 2,4,5-	ug/l	Total	Actual					MDH402	
109	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					MDH402	
11	Benzo[a]pyrene	ug/l	Total	Actual					MDH402	
12	Benzo[k]fluoranthene	ug/l	Total	Actual					MDH402	
13	Benzo[g,h,i]perylene	ug/l	Total	Actual					MDH402	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
14	Benzyl alcohol	ug/l	Total	Actual					MDH402	
15	BHC-alpha	ug/l	Total	Actual					MDH402	
16	BHC-beta	ug/l	Total	Actual					MDH402	
17	BHC-delta	ug/l	Total	Actual					MDH402	
18	BHC-gamma (Lindane)	ug/l	Total	Actual					MDH402	
19	bis(2-chloroethoxy) methane	ug/l	Total	Actual					MDH402	
2	Acenaphthylene	ug/l	Total	Actual					MDH402	
20	bis(2-chloroethyl) ether	ug/l	Total	Actual					MDH402	
21	Bis(2-chloroisopropyl) ether	ug/l	Total	Actual					MDH402	
22	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					MDH402	
23	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					MDH402	
24	Butyl benzyl phthalate	ug/l	Total	Actual					MDH402	
25	Carbazole	ug/l	Total	Actual					MDH402	
26	Chlordane	ug/l	Total	Actual					MDH402	
27	Chloroaniline, 4-	ug/l	Total	Actual					MDH402	
28	4-Chloro-3-methylphenol	ug/l	Total	Actual					MDH402	
29	Chloronaphthalene, alpha-	ug/l	Total	Actual					MDH402	
3	Acetophenone	ug/l	Total	Actual					MDH402	
30	Chloronaphthalene-2	ug/l	Total	Actual					MDH402	
31	Chlorophenol-2	ug/l	Total	Actual					MDH402	
32	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					MDH402	
33	Chrysenes C1-C4	ug/l	Total	Actual					MDH402	
34	DDD, p,p'-	ug/l	Total	Actual					MDH402	
35	DDE, p,p'-	ug/l	Total	Actual					MDH402	
36	DDT, p,p'-	ug/l	Total	Actual					MDH402	
37	Dibenz(a,j)acridine	ug/l	Total	Actual					MDH402	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
38	Dibenzo[a,h]anthracene	ug/l	Total	Actual					MDH402	
39	Dibenzofuran	ug/l	Total	Actual					MDH402	
4	Aldrin	ug/l	Total	Actual					MDH402	
40	Dibutyl phthalate	ug/l	Total	Actual					MDH402	
41	1,2-Dichlorobenzene	ug/l	Total	Actual					MDH402	
42	1,3-Dichlorobenzene	ug/l	Total	Actual					MDH402	
43	1,4-Dichlorobenzene	ug/l	Total	Actual					MDH402	
44	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					MDH402	
45	2,4-Dichlorophenol	ug/l	Total	Actual					MDH402	
46	Dichlorophenol, 2,6-	ug/l	Total	Actual					MDH402	
47	Dieldrin	ug/l	Total	Actual					MDH402	
48	Diethyl phthalate	ug/l	Total	Actual					MDH402	
49	Dimethylaminoazobenzene, 4-	ug/l	Total	Actual					MDH402	
5	Aminodiphenyl, 4-	ug/l	Total	Actual					MDH402	
50	Dimethylbenz(a)anthracene, 7,12-	ug/l	Total	Actual					MDH402	
51	2,4-Dimethylphenol	ug/l	Total	Actual					MDH402	
52	Dimethyl phthalate	ug/l	Total	Actual					MDH402	
53	Dinitrophenol, 2,4-	ug/l	Total	Actual					MDH402	
54	2,4-Dinitrotoluene	ug/l	Total	Actual					MDH402	
55	2,6-Dinitrotoluene	ug/l	Total	Actual					MDH402	
56	Diphenyl amine	ug/l	Total	Actual					MDH402	
57	bis(n-octyl) Phthalate	ug/l	Total	Actual					MDH402	
58	Diphenylhydrazine, 1,2-	ug/l	Total	Actual					MDH402	
59	Endosulfan, alpha-	ug/l	Total	Actual					MDH402	
6	Aniline	ug/l	Total	Actual					MDH402	
60	Endosulfan, beta-	ug/l	Total	Actual					MDH402	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
61	Endosulfan Sulfate	ug/l	Total	Actual					MDH402	
62	Endrin	ug/l	Total	Actual					MDH402	
63	Endrin Aldehyde	ug/l	Total	Actual					MDH402	
64	Endrin ketone	ug/l	Total	Actual					MDH402	
65	Ethyl methanesulfonate	ug/l	Total	Actual					MDH402	
66	Fluoranthenes, C1-C4	ug/l	Total	Actual					MDH402	
67	Fluorenes, C1-C3	ug/l	Total	Actual					MDH402	
68	Heptachlor	ug/l	Total	Actual					MDH402	
69	Heptachlor epoxide	ug/l	Total	Actual					MDH402	
7	Anthracene	ug/l	Total	Actual					MDH402	
70	Hexachlorobenzene	ug/l	Total	Actual					MDH402	
71	Hexachlorobutadiene	ug/l	Total	Actual					MDH402	
72	Hexachlorocyclopentadiene	ug/l	Total	Actual					MDH402	
73	Hexachloroethane	ug/l	Total	Actual					MDH402	
74	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					MDH402	
75	Isophorone	ug/l	Total	Actual					MDH402	
76	Methoxychlor	ug/l	Total	Actual					MDH402	
77	Methylcholanthrene, 3-	ug/l	Total	Actual					MDH402	
78	Dinitro-o-cresol	ug/l	Total	Actual					MDH402	
79	Methyl methanesulfonate	ug/l	Total	Actual					MDH402	
8	Benzidine	ug/l	Total	Actual					MDH402	
80	Methylnaphthalene, 2-	ug/l	Total	Actual					MDH402	
81	Cresol, o-	ug/l	Total	Actual					MDH402	
82	Cresol, p-	ug/l	Total	Actual					MDH402	
83	Naphthalene	ug/l	Total	Actual					MDH402	
84	Naphthylamine, alpha-	ug/l	Total	Actual					MDH402	
85	Naphthylamine, beta-	ug/l	Total	Actual					MDH402	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
86	Nitroaniline, 2-	ug/l	Total	Actual					MDH402	
87	m-Nitroaniline	ug/l	Total	Actual					MDH402	
88	p-Nitroaniline	ug/l	Total	Actual					MDH402	
89	nitro-Benzene	ug/l	Total	Actual					MDH402	
9	Benzoic acid	ug/l	Total	Actual					MDH402	
90	Nitrophenol, 2-	ug/l	Total	Actual					MDH402	
91	p-Nitrophenol	ug/l	Total	Actual					MDH402	
92	Nitrosodibutylamine, n-	ug/l	Total	Actual					MDH402	
93	Nitrosodimethylamine, n-	ug/l	Total	Actual					MDH402	
94	n-Nitrosodipropylamine	ug/l	Total	Actual					MDH402	
95	Nitrosopiperidine, n-	ug/l	Total	Actual					MDH402	
96	Pentachlorobenzene	ug/l	Total	Actual					MDH402	
97	Pentachloronitrobenzene (PCNB)	ug/l	Total	Actual					MDH402	
98	Pentachlorophenol (PCP)	ug/l	Total	Actual					MDH402	
99	Phenacetin	ug/l	Total	Actual					MDH402	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MDH465	VOCs	Sample	Water				N
	Citations	Minnesota Pollution Control Agency Quality Assurance Program, 2000, www.pca.state.mn.us/programs/qa_p.html , Minnesota Pollution Control Agency, all pages					
	Description	Suite of volatile organic compound analyses					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Acetone	ug/l	Total	Actual					MDH465	
10	Butylbenzene, sec-	ug/l	Total	Actual					MDH465	
11	Butylbenzene, tert-	ug/l	Total	Actual					MDH465	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
12	Carbon tetrachloride	ug/l	Total	Actual					MDH465	
13	Chlorobenzene	ug/l	Total	Actual					MDH465	
14	Chlorodibromomethane	ug/l	Total	Actual					MDH465	
15	Chloroethane	ug/l	Total	Actual					MDH465	
16	Chloroform	ug/l	Total	Actual					MDH465	
17	Methyl chloride	ug/l	Total	Actual					MDH465	
18	Chlorotoluene, 2-	ug/l	Total	Actual					MDH465	
19	Chlorotoluene, 4-	ug/l	Total	Actual					MDH465	
2	Allyl chloride	ug/l	Total	Actual					MDH465	
20	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					MDH465	
21	Ethylene dibromide (EDB)	ug/l	Total	Actual					MDH465	
22	Dibromomethane	ug/l	Total	Actual					MDH465	
23	1,2-Dichlorobenzene	ug/l	Total	Actual					MDH465	
24	1,3-Dichlorobenzene	ug/l	Total	Actual					MDH465	
25	1,4-Dichlorobenzene	ug/l	Total	Actual					MDH465	
26	Dichlorodifluoromethane	ug/l	Total	Actual					MDH465	
27	Dichloroethane, 1,1-	ug/l	Total	Actual					MDH465	
28	Dichloroethane, 1,2-	ug/l	Total	Actual					MDH465	
29	1,1-Dichloroethylene	ug/l	Total	Actual					MDH465	
3	Benzene	ug/l	Total	Actual					MDH465	
30	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					MDH465	
31	trans-1,2-Dichloroethylene	ug/l	Total	Actual					MDH465	
32	Dichloromonofluoromethane	ug/l	Total	Actual					MDH465	
33	Dichloropropane, 1,2-	ug/l	Total	Actual					MDH465	
34	Dichloropropane, 1,3-	ug/l	Total	Actual					MDH465	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
35	Dichloropropane, 2,2-	ug/l	Total	Actual					MDH465	
36	Dichloropropene, 1,1-	ug/l	Total	Actual					MDH465	
37	cis-1,3-Dichloropropene	ug/l	Total	Actual					MDH465	
38	trans-1,3-Dichloropropene	ug/l	Total	Actual					MDH465	
39	Ethylbenzene	ug/l	Total	Actual					MDH465	
4	Monobromobenzene	ug/l	Total	Actual					MDH465	
40	Ethyl ether	ug/l	Total	Actual					MDH465	
41	Hexachlorobutadiene	ug/l	Total	Actual					MDH465	
42	Cumene	ug/l	Total	Actual					MDH465	
43	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual					MDH465	
44	Dichloromethane	ug/l	Total	Actual					MDH465	
45	Methyl ethyl ketone	ug/l	Total	Actual					MDH465	
46	Methyl isobutyl ketone	ug/l	Total	Actual					MDH465	
47	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					MDH465	
48	Naphthalene	ug/l	Total	Actual					MDH465	
49	Propylbenzene, n-	ug/l	Total	Actual					MDH465	
5	Chlorobromomethane	ug/l	Total	Actual					MDH465	
50	Styrene	ug/l	Total	Actual					MDH465	
51	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					MDH465	
52	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					MDH465	
53	Tetrachloroethylene	ug/l	Total	Actual					MDH465	
54	Tetrahydrofuran	ug/l	Total	Actual					MDH465	
55	Toluene	ug/l	Total	Actual					MDH465	
56	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					MDH465	
57	1,2,4-Trichlorobenzene	ug/l	Total	Actual					MDH465	
58	Trichloroethane, 1,1,1-	ug/l	Total	Actual					MDH465	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
59	Trichloroethane, 1,1,2-	ug/l	Total	Actual					MDH465	
6	Dichlorobromomethane	ug/l	Total	Actual					MDH465	
60	Trichloroethylene	ug/l	Total	Actual					MDH465	
61	Trichlorofluoromethane	ug/l	Total	Actual					MDH465	
62	Trichloropropane, 1,2,3-	ug/l	Total	Actual					MDH465	
63	Trichlorotrifluoroethane	ug/l	Total	Actual					MDH465	
64	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					MDH465	
65	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					MDH465	
66	Vinyl chloride	ug/l	Total	Actual					MDH465	
67	Xylene, o-	ug/l	Total	Actual					MDH465	
68	Xylenes mix of m + o + p	ug/l	Total	Actual					MDH465	
7	Bromoform	ug/l	Total	Actual					MDH465	
8	Methyl bromide	ug/l	Total	Actual					MDH465	
9	Butyl benzene	ug/l	Total	Actual					MDH465	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MDHLG	MDH Lab Large Group 1	Sample	Water				N

Citations Minnesota Pollution Control Agency Quality Assurance Program, 2000, www.pca.state.mn.us/programs/qa_p.html, Minnesota Pollution Control Agency, all pages

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
001	Solids, Total	mg/l	Total	Actual		Dry			MDH001D	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
002	Solids, Volatile	mg/l	Total	Actual					MDH002C	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
003	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual		Dry			MDH003	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
003W	Solids, Total Suspended (TSS) Acceptable Range	mg/l	Suspended	Actual		Dry			MDH003_W	
		0.00000 - 10,000.00000 mg/l								
004	Solids, Volatile Acceptable Range	mg/l	Suspended	Actual					MDH004	
		0.00000 - 10,000.00000 mg/l								
005	Solids, Dissolved Acceptable Range	mg/l	Dissolved	Actual					MDH005D	
		0.00000 - 10,000.00000 mg/l								
011	Turbidity Acceptable Range	NTRU		Actual					MDH011D	
		0.00000 - 200.00000 NTRU								
012	Color, Apparent Acceptable Range	PCU		Actual					MDH012	
		0.00000 - 500.00000 PCU								
013	pH Acceptable Range	None		Actual					MDH013B	
		0.90000 - 12.00000 None								
014	Specific conductance Acceptable Range	uS/cm		Actual				25 Deg C	MDH014	
		0.00000 - 60,000.00000 uS/cm								
018	Alkalinity, Carbonate as CaCO3 Acceptable Range	mg/l	Total	Actual					MDH018	
		0.00000 - 1,000.00000 mg/l								
019	Alkalinity, Bicarbonate as CaCO3 Acceptable Range	mg/l	Total	Actual					MDH019	
		0.00000 - 1,000.00000 mg/l								
022	Alkalinity, Total (total hydroxide+carbonate+bicarbonate) Acceptable Range	mg/l	Total	Actual					MDH022G	
		0.00000 - 1,000.00000 mg/l								
023	Chloride Acceptable Range	mg/l	Total	Actual					MDH023F	
		0.00000 - 22,000.00000 mg/l								
028	Sulfur, sulfate (SO4) as SO4 Acceptable Range	mg/l	Total	Actual					MDH028D	
		0.00000 - 5,000.00000 mg/l								
030	Silica Acceptable Range	mg/l	Total	Actual					MDH030B	
		0.00000 - 50.00000 mg/l								
050	Silica Acceptable Range	mg/l	Dissolved	Actual					MDH050B	
		0.00000 - 30.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
058	Phosphorus as P Acceptable Range	mg/l	Total	Actual					MDH058C	
		0.00000 - 10.00000 mg/l								
059	Phosphorus as P Acceptable Range	mg/l	Total	Actual					MDH059C	
		0.00000 - 10.00000 mg/l								
060	Phosphorus as P Acceptable Range	mg/l	Dissolved	Actual					MDH060	
		0.00000 - 10.00000 mg/l								
063	Phosphorus, orthophosphate as P Acceptable Range	mg/l	Total	Actual					MDH063C	
		0.00000 - 10.00000 mg/l								
064	Nitrogen, ammonia (NH3) + ammonium (NH4) Acceptable Range	mg/l	Total	Actual					MDH064C	
		0.00000 - 20.00000 mg/l								
065	Nitrogen, organic Acceptable Range	mg/l	Total	Calculated					MDH065	
		0.00000 - 15.00000 mg/l								
067	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					MDH067	
068	Nitrogen, Kjeldahl Acceptable Range	mg/l	Total	Actual					MDH068	
		0.00000 - 50.00000 mg/l								
069	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l	Total	Actual					MDH069E	
		0.00000 - 55.00000 mg/l								
070	Phosphorus, orthophosphate as P Acceptable Range	mg/l	Dissolved	Actual					MDH070C	
		0.00000 - 10.00000 mg/l								
073	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					MDH073	
077	Nitrogen, ammonia (NH3) + ammonium (NH4) Acceptable Range	mg/l	Dissolved	Actual					MDH077C	
		0.00000 - 20.00000 mg/l								
078	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l	Dissolved	Actual					MDH078E	
		0.00000 - 55.00000 mg/l								
083	BOD, carbonaceous Acceptable Range	mg/l	Total	Actual			5 Day	20 Deg C	MDH083G	
		0.00000 - 150.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
095	BOD, Biochemical oxygen demand	mg/l	Total	Actual			20 Day	20 Deg C	MDH095	
	Acceptable Range	0.00000 - 600.00000 mg/l								
096	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	MDH096G	
	Acceptable Range	0.00000 - 150.00000 mg/l								
097	COD, Chemical Oxygen Demand	mg/l	Total	Actual					MDH097E	
	Acceptable Range	0.00000 - 200.00000 mg/l								
098	Carbon, Total Organic (Toc)	mg/l	Total	Actual					MDH098	
	Acceptable Range	0.00000 - 500.00000 mg/l								
099	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual					MDH099	
	Acceptable Range	0.00000 - 500.00000 mg/l								
152	Iron	ug/l	Total	Actual					MDH152C	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
154	Iron	ug/l	Dissolved	Actual					MDH154	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
166	Manganese	ug/l	Total	Actual					MDH166	
194	Zinc	ug/l	Total	Actual					MDH194	
208	Calcium as CaCO3	mg/l	Total	Actual					MDH208F	
	Acceptable Range	0.00000 - 3,000.00000 mg/l								
209	Magnesium	mg/l	Total	Actual					MDH209F	
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
228	Molybdenum	ug/l	Total	Actual					MDH228	
239	Hardness, Ca + Mg	mg/l	Total	Actual					MDH239	
	Acceptable Range	0.00000 - 4,000.00000 mg/l								
255	Potassium	mg/l	Total	Actual					MDH255F	
	Acceptable Range	0.00000 - 200.00000 mg/l								
257	Sodium	mg/l	Total	Actual					MDH257G	
	Acceptable Range	0.00000 - 500.00000 mg/l								
293	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					MDH293	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 5,000.00000 mg/l								
310	Fecal Coliform	#/100ml	Total	Actual					MDH310A	
	Acceptable Range	0.00000 - 160,000.00000 #/100ml								
310L	Fecal Coliform	#/100ml	Total	Estimated	Minimum				MDH310A	
	Acceptable Range	0.00000 - 160,000.00000 #/100ml								
311	Escherichia coli	#/100ml	Total	Actual					MDH311A	
	Acceptable Range	0.00000 - 160,000.00000 #/100ml								
311L	Escherichia coli	#/100ml	Total	Estimated	Minimum				MDH311A	
	Acceptable Range	0.00000 - 160,000.00000 #/100ml								
313	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					MDH313A	
	Acceptable Range	0.00000 - 160,000.00000 #/100ml								
450	Chlorophyll a, corrected for pheophytin	ug/l	Non-filterable	Actual					MDH450	FLT CHL A
	Acceptable Range	0.00000 - 750.00000 ug/l								
451	Pheophytin-a	ug/l	Total	Actual					MDH451	
	Acceptable Range	0.00000 - 750.00000 ug/l								
452	Chlorophyll a, corrected for pheophytin	ug/l	Non-filterable	Actual					MDH452	
	Acceptable Range	0.00000 - 750.00000 ug/l								
614	Boron	ug/l	Total	Actual					MDH614	
631	Aluminum	ug/l	Total	Actual					MDH631	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MDH_SED	MDH Lab Sediment	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
261	Water content	%		Actual					MDH261	
	Acceptable Range	0.00000 - 100.00000 %								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
264	COD, Chemical Oxygen Demand	mg/kg	Total	Actual		Dry			MDH264	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MILE FLD	Milestone Field Meas	Field Msr/Obs	Water				N
Citations		Bissonnette, Sandra and Beth Endersbe, 2001, Milestone Site River Monitoring Program Standard Methods for Field Measurements and Sample Collection, Minnesota Pollution Control Agency, all pages					
Description		Milestone Site River Monitoring Program field measurements					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COND	Specific conductance	uS/cm		Actual				25 Deg C	FLD CONDUCTANCE	
	Acceptable Range	0.00000 - 60,000.00000 uS/cm								
DO-P	Dissolved oxygen (DO)	mg/l		Actual					DO PROBE	
	Acceptable Range	0.00000 - 30.00000 mg/l								
DO-W	Dissolved oxygen (DO)	mg/l		Actual					DO WINKLER	
	Acceptable Range	0.00000 - 30.00000 mg/l								
FLOW	Flow	cfs		Estimated					FLD STR FLOW 2	
	Acceptable Range	0.00000 - 100,000.00000 cfs								
FLOWMILE	Flow	cfs		Estimated					FLD STR FLOW 1	
	Acceptable Range	0.00000 - 100,000.00000 cfs								
FLOW_DM	Flow	cfs		Calculated	Mean		1 Day		FLD STR FLOW DM	
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								
ORP	Oxidation reduction potential (ORP)	mV		Actual					REDOX	
	Acceptable Range	0.00000 - 1,000.00000 mV								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PH	pH	None		Actual					FLD PH	
	Acceptable Range	0.90000 - 12.00000	None							
STAGE	Stream stage height	ft		Actual					FLD STR STAGE 1	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_A	Stream stage height	ft		Actual					FLD STR STAGE 7	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_O	Stream stage height	ft		Actual					FLD STR STAGE 9	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_PT	Stream stage height	ft		Actual					FLD STR STAGE 8	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_R	Stream stage height	ft		Actual					FLD STR STAGE 4	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_S	Stream stage height	ft		Actual					FLD STR STAGE 5	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_TD	Stream stage height	ft		Actual					FLD STR STAGE 2	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_UR	Stream stage height	ft		Actual					FLD STR STAGE 3	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STAGE_W	Stream stage height	ft		Actual					FLD STR STAGE 6	
	Acceptable Range	0.00000 - 1,000.00000	ft							
STR CON	Stream condition (text)								FLD STAGE EST	
TEMP	Temperature, water	deg C		Actual					FLD TEMP	
	Acceptable Range	0.00000 - 35.00000	deg C							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TURB	Turbidity Acceptable Range	None 0.00000 - 1,000.00000	None	Actual					FLD TURB	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PA-RS-LK	Phy. Appear. & Rec. Suit Lakes	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Lake Physical Appearance (choice list)								CLMP- CONDSUIT-1	
	Lake Recreational Suitability (choice list)								CLMP- CONDSUIT-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
REGCOM	Conductivity	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Specific conductance	uS/cm		Actual				25 Deg C	FLD CONDUCTANC E	
	Acceptable Range	1.00000 - 60,000.00000 uS/cm								
	Stream Physical Appearance (choice list)								CSMP- CONDSUIT-1	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SPRINGBK	Spring Brook Field Parameters	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Stream Physical Appearance, Minnesota (choice list)			Actual					CSMP-CONDSUIT-1	
	Transparency, tube with disk	None		Actual					CSMP-TTUBE60	
	Temperature, water	deg C		Actual					FLD TEMP	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
STDFLD	Standard Stream Field Char.	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Stream Physical Appearance, Minnesota (choice list)			Actual					CSMP-CONDSUIT-1	
	Flow	cfs		Estimated					FLD STR FLOW 2	
	Acceptable Range	0.00000 - 100,000.00000 cfs								
	Stream condition (text)								FLD STAGE EST	
	Specific conductance	uS/cm		Actual				25 Deg C	FLD CONDUCTANCE	
	Acceptable Range	0.00000 - 60,000.00000 uS/cm								
	Dissolved oxygen (DO)	mg/l		Actual					DO PROBE	
	Acceptable Range	0.00000 - 30.00000 mg/l								
	Temperature, water	deg C		Actual					FLD TEMP	
	Acceptable Range	0.00000 - 35.00000 deg C								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pH	None		Actual					FLD PH	
	Acceptable Range	0.90000 - 12.00000	None							
	Stream Recreational Suitability (choice list)			Actual					CSMP-CONDSUIT-1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TRACEMTL	Ambient Trace Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS-D	Arsenic	ug/l	Dissolved	Actual					FRONTIER-AS	
AS-T	Arsenic	ug/l	Total	Actual					FRONTIER-AS	
CD-D	Cadmium	ug/l	Dissolved	Actual					FRONTIER-MTLS	
CD-T	Cadmium	ug/l	Total	Actual					FRONTIER-MTLS	
CR-D	Chromium	ug/l	Dissolved	Actual					FRONTIER-MTLS	
CR-T	Chromium	ug/l	Total	Actual					FRONTIER-MTLS	
CU-D	Copper	ug/l	Dissolved	Actual					FRONTIER-MTLS	
CU-T	Copper	ug/l	Total	Actual					FRONTIER-MTLS	
HG-D	Mercury	ng/l	Dissolved	Actual					FRONTIER-HG	
HG-T	Mercury	ng/l	Total	Actual					FRONTIER-HG	
NI-D	Nickel	ug/l	Dissolved	Actual					FRONTIER-MTLS	
NI-T	Nickel	ug/l	Total	Actual					FRONTIER-MTLS	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PB-D	Lead	ug/l	Dissolved	Actual					FRONTIER-MTLS	
PB-T	Lead	ug/l	Total	Actual					FRONTIER-MTLS	
ZN-D	Zinc	ug/l	Dissolved	Actual					FRONTIER-MTLS	
ZN-T	Zinc	ug/l	Total	Actual					FRONTIER-MTLS	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WAL	jean	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Temperature, water			Actual						
	Transparency, tube with disk	cm		Actual	Minimum				CSMP-TTUBE100	
	Acceptable Range	100.00000 - 100.00000 cm								
	Transparency, tube with disk	cm		Actual					CSMP-TTUBE100	
	Acceptable Range	0.00000 - 100.00000 cm								
	Transparency, tube with disk	cm		Actual	Minimum				CSMP-TTUBE60	
	Acceptable Range	60.00000 - 60.00000 cm								
	Transparency, tube with disk	cm		Actual					CSMP-TTUBE60	
	Acceptable Range	0.00000 - 60.00000 cm								
	Turbidity	FNU		Actual					FLD TURB	
	Acceptable Range	0.00000 - 1,000.00000 FNU								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pH	None		Actual					FLD PH	
	Acceptable Range	0.90000 - 12.00000	None							
	Dissolved oxygen (DO)	mg/l		Actual					DO PROBE	
	Acceptable Range	0.00000 - 30.00000	mg/l							
	Specific conductance	uS/cm		Actual				25 Deg C	FLD CONDUCTANCE	
	Acceptable Range	0.00000 - 60,000.00000	uS/cm							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ZUMBRO	ZUMBRO Lab	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Phosphorus, orthophosphate as P	mg/l	Total	Actual					QC10-115-01-1-A	
	Phosphorus as P	mg/l	Total	Actual					365.1	
	Turbidity	NTRU	Total	Actual					2130	
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Solids, Volatile	mg/l	Suspended	Actual					2540-E	
	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual		Dry			2540-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ZUMBRO2	ZUMBRO FLD	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Stream Recreational Suitability (choice list)								CSMP- CONDSUIT-1	
	Stream Physical Appearance, Minnesota (choice list)								CSMP- CONDSUIT-1	
	Transparency, tube with disk	cm		Actual					CSMP- TTUBE60	

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MNPCAB

Minnesota Pollution Control Agency Biological Monitoring

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIO INV	Benthic Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N
BIO PLT	Wetland Plants	Sample	Biological	Taxon Abundance	Aquatic Vegetation	Multi-Taxon Population Census	N

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLDAIR	Field - Air Msr/Obs	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00020	Temperature, air	deg C		Actual						
00021	Temperature, air	deg F		Actual						
00025	Barometric pressure	mm/Hg		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLDWATER	Field - Water Msr/Obs	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00004	Stream width measure	ft		Actual						
00010	Temperature, water	deg C		Actual						
00011	Temperature, water	deg F		Actual						
00023	Weight	lb		Actual						
00024	Length	in		Actual						
00049	Surface area	mi2		Actual						
00056	Flow	gal/day		Actual						
00058	Flow	gal/min		Actual						
00059	Flow	gal/min		Estimated						
00060	Flow	cfs		Estimated	Mean					
00061	Flow	cfs		Estimated						
00064	Depth, bottom	ft		Actual	Mean					
00070	Turbidity	JCU		Actual	Mean					
00076	Turbidity	FTU		Actual	Median					
00080	Color, True	PCU		Actual	Mean					
00082	Color, True	JTU		Actual	Mean				110.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00083	Color, True	JTU		Actual	Median				110.1	
00090	Oxidation reduction potential (ORP)	mV		Actual						
00094	Specific conductance	umho/cm		Actual						
00299	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
00400	pH	None	Total	Actual						
00406	pH	None		Actual						
00419	Alkalinity, Carbonate as CaCO3	mg/l		Actual						
00431	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual						
39086	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual						
72019	Water level in well, measured from MSL	ft		Actual						
72109	Water level in well, measured from MSL	ft		Actual		Wet				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LABSED	Lab Sediment Analysis	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01003	Arsenic	mg/kg	Total	Actual					200.7(W)	
01028	Cadmium	mg/kg	Total	Actual					200.9	
01043	Copper	mg/kg	Total	Actual					200.7(W)	
01053	Manganese	mg/kg	Total	Actual					200.7(W)	
01093	Zinc	mg/kg	Total	Actual						
01148	Selenium	mg/kg	Total	Actual					200.7(W)	
01170	Iron	mg/kg	Total	Actual					200.7(W)	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LABWTR1	Laboratory Water Analysis, GR1	Sample	Water				N

Description Every Characteristic Group seems to be limited to 96 parameters.
This Characteristic Group should only be used for data migration from STOREASE.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual						
00011	Temperature, water	deg F		Actual						
00300	Dissolved oxygen (DO)	mg/l	Dissolved	Actual	Mean					
00301	Dissolved oxygen saturation	%	Dissolved	Actual						
00310	BOD, Biochemical oxygen demand	mg/l	Total	Actual						
00335	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual						
00340	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Estimated						
00403	pH	None	Total	Actual					150.1	
00405	Carbon dioxide	mg/l	Total	Actual						
00410	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual						
00420	Alkalinity, Hydroxide as CaCO3	mg/l		Actual						
00421	Alkalinity, Carbonate as CaCO3	mg/l		Actual						
00425	Alkalinity, Bicarbonate as CaCO3	mg/l		Actual						
00430	Alkalinity, Carbonate as CaCO3	mg/l	Dissolved	Actual						
00435	Acidity as CaCO3	mg/l	Total	Actual						
00440	Bicarbonate	mg/l		Actual						
00445	Carbonate ion (CO3-2)	mg/l		Actual						
00448	Carbonate ion (CO3-2)	mg/l	Fixed	Actual						
00451	Bicarbonate	mg/l	Fixed	Actual						
00515	Solids, Fixed	mg/l	Filterable	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00520	Solids, Fixed	mg/l	Volatile	Actual						
00530	Solids, Fixed	mg/l	Non-filterable	Actual						
00535	Solids, Fixed	mg/l		Actual						
00550	Oil and Grease	mg/l	Total	Actual						
00556	Oil and Grease	mg/l		Actual						
00573	Biomass, periphyton	g/m2		Actual		Dry				
00600	Nitrogen ion (N)	mg/l	Total	Actual						
00608	Nitrogen, ammonia (NH3) as NH3	mg/l	Dissolved	Actual						
00610	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						
00613	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual						
00615	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
00618	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual						
00620	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
00624	Nitrogen, Kjeldahl	mg/l	Suspended	Actual						
00625	Nitrogen, Kjeldahl	mg/l	Total	Actual						
00630	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						
00631	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual						
00640	Nitrogen, inorganic	mg/l	Total	Actual						
00665	Phosphorus as P	mg/l	Total	Actual						
00666	Phosphorus as P	mg/l	Dissolved	Actual						
00667	Phosphorus as P	mg/l	Suspended	Actual						
00671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
00680	Carbon, Total Organic (Toc)	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00681	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual						
00684	Carbon, Total Organic (Toc)	mg/l		Actual						
00685	Carbon, Total Inorganic	mg/l	Total	Actual						
00691	Carbon, Total Inorganic	mg/l	Dissolved	Actual						
00718	Cyanide	ug/l		Actual						
00720	Cyanide	mg/l	Total	Actual						
00722	Cyanide	ug/l	Fixed	Actual						
00723	Cyanide	ug/l	Dissolved	Actual						
00745	Sulfide	mg/l	Total	Actual						
00900	Hardness, Ca + Mg	mg/l	Total	Actual						
00915	Calcium	mg/l	Dissolved	Actual						
00916	Calcium	mg/l	Total	Actual						
00918	Calcium	mg/l		Actual						
00921	Magnesium	mg/l	Fixed	Actual	Mean				200.7(W)	
00923	Sodium	mg/l	Total	Actual					200.7(W)	
00925	Magnesium	mg/l	Dissolved	Actual					200.7(W)	
00927	Magnesium	mg/l	Total	Actual	Mean				200.7(W)	
00929	Sodium	mg/l	Total	Actual	Mean				200.7(W)	
00930	Sodium	mg/l	Dissolved	Actual					200.7(W)	
00931	Sodium	mg/l	Fixed	Calculated					200.7(W)	
00935	Potassium	mg/l	Dissolved	Actual						
00937	Potassium	mg/l	Total	Actual						
00939	Potassium	mg/l		Actual						
00940	Chloride	mg/l	Total	Actual						
00941	Chloride	mg/l	Dissolved	Actual						
00945	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						
00946	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00950	Fluorides	mg/l	Dissolved	Actual						
00951	Fluorides	mg/l	Total	Actual						
00955	Silica	mg/l	Dissolved	Actual						
00956	Silica	mg/l	Total	Actual						
00978	Arsenic	ug/l	Total	Actual					200.7(W)	
00979	Cobalt	ug/l	Total	Actual						
00980	Iron	ug/l	Total	Actual					200.7(W)	
00981	Selenium	ug/l	Total	Actual					200.7(W)	
00982	Thallium	ug/l	Total	Actual						
00983	Tin	ug/l	Total	Actual					200.7(W)	
00985	Vanadium	ug/l	Total	Actual						
00998	Beryllium	ug/l	Total	Actual					200.7(W)	
00999	Boron	ug/l	Total	Actual					200.7(W)	
01002	Arsenic	ug/l	Total	Actual	Mean				200.7(W)	
01005	Barium	ug/l	Dissolved	Actual					200.7(W)	
01007	Barium	ug/l	Total	Actual					200.7(W)	
01009	Barium	ug/l	Fixed	Actual					200.7(W)	
01010	Beryllium	ug/l	Dissolved	Actual					200.7(W)	
01012	Beryllium	ug/l	Total	Actual	Mean				200.7(W)	
01020	Boron	ug/l	Dissolved	Actual					200.7(W)	
01022	Boron	ug/l	Total	Actual	Mean				200.7(W)	
01025	Cadmium	ug/l	Dissolved	Actual					200.9	
01027	Cadmium	ug/l	Total	Actual					200.9	
01030	Chromium	ug/l	Dissolved	Actual					200.9	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LABWTR2	Laboratory Water Analysis, GR2	Sample	Water				N

Characteristic Group Details

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MONT-DEQ

Montana Department of Environmental Quality

Description Every Group seems to have limit of 96 parameters.
This Characteristic Group should only be used for data migration from STOREASE.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01034	Chromium	ug/l	Total	Actual					200.9	
01035	Cobalt	ug/l	Dissolved	Actual						
01037	Cobalt	ug/l	Total	Actual						
01040	Copper	ug/l	Dissolved	Actual					200.9	
01042	Copper	ug/l	Total	Actual					200.7(W)	
01045	Iron	ug/l	Total	Actual					200.7(W)	
01046	Iron	ug/l	Dissolved	Actual					200.7(W)	
01049	Lead	ug/l	Dissolved	Actual					200.9	
01051	Lead	ug/l	Total	Actual					200.9	
01054	Manganese	ug/l	Suspended	Actual					200.7(W)	
01055	Manganese	ug/l	Total	Actual					200.7(W)	
01056	Manganese	ug/l	Dissolved	Actual					200.7(W)	
01057	Thallium	ug/l	Dissolved	Actual					200.9	
01060	Molybdenum	ug/l	Dissolved	Actual					200.7(W)	
01062	Molybdenum	ug/l	Total	Actual					200.7(W)	
01065	Nickel	ug/l	Dissolved	Actual					200.7(W)	
01067	Nickel	ug/l	Total	Actual					200.7(W)	
01074	Nickel	ug/l	Fixed	Actual					200.7(W)	
01075	Silver	ug/l	Dissolved	Actual					200.7(W)	
01077	Silver	ug/l	Total	Actual					200.9	
01079	Silver	ug/l	Fixed	Actual					200.9	
01080	Strontium	ug/l	Dissolved	Actual					200.7(W)	
01082	Strontium	ug/l	Total	Actual					200.7(W)	
01085	Vanadium	ug/l	Dissolved	Actual						
01087	Vanadium	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01090	Zinc	ug/l	Dissolved	Actual					200.7(W)	
01092	Zinc	ug/l	Total	Actual					200.7(W)	
01094	Zinc	ug/l	Fixed	Actual					200.7(W)	
01095	Antimony	ug/l	Dissolved	Actual					200.9	
01097	Antimony	ug/l	Total	Actual					200.9	
01100	Tin	ug/l	Dissolved	Actual					200.7(W)	
01102	Tin	ug/l	Total	Actual					200.7(W)	
01104	Aluminum	ug/l	Fixed	Actual					200.7(W)	
01105	Aluminum	ug/l	Total	Actual					200.7(W)	
01106	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
01113	Cadmium	ug/l	Fixed	Actual					200.9	
01114	Lead	ug/l	Fixed	Actual					200.9	
01118	Chromium	ug/l	Fixed	Actual					200.9	
01119	Copper	ug/l	Fixed	Actual					200.7(W)	
01123	Manganese	ug/l	Fixed	Actual					200.7(W)	
01129	Molybdenum	ug/l	Fixed	Actual					200.7(W)	
01130	Lithium	ug/l	Dissolved	Actual					200.7(W)	
01132	Lithium	ug/l	Total	Actual					200.7(W)	
01134	Lithium	ug/l	Fixed	Actual					200.7(W)	
01140	Silicon as Si	ug/l	Dissolved	Actual					200.7(W)	
01142	Silicon as Si	ug/l	Total	Actual					200.7(W)	
01145	Selenium	ug/l	Dissolved	Actual					200.9	
01147	Selenium	ug/l	Total	Actual					200.9	
01172	Platinum	ug/l	Dissolved	Actual						
01501	Gross alpha radioactivity, (Thorium-230 ref std)	pg/l	Total	Actual						
03501	Gross beta radioactivity, (Cesium-137 ref std)	pg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
29806	Bicarbonate	mg/l	Dissolved	Actual						
31501	Fecal Coliform	#/100ml	Filterable	Actual						
31505	Fecal Coliform	#/100ml	Total	Actual						
31615	Fecal Coliform	#/100ml	Suspended	Actual						
31616	Fecal Coliform	#/100ml	Fixed	Actual						
31673	Fecal Streptococcus Group Bacteria	#/100ml	Filterable	Actual						
32101	Dichlorobromomethane	ug/l	Total	Actual						
32105	Chlorodibromomethane	ug/l	Total	Actual						
32106	Chloroform	ug/l	Total	Actual						
32211	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual						
32223	Chlorophyll a, uncorrected for pheophytin	mg/m2	Total	Actual						
32228	Chlorophyll a, uncorrected for pheophytin	mg/m2	Fixed	Actual						
32730	Phenols (mixture)	ug/l	Fixed	Actual						
39390	Endrin	ug/l	Total	Actual						
39400	Toxaphene	ug/l	Total	Actual						
39730	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual						
39760	Silvex	ug/l	Total	Actual						
45636	Turbidity	umho/cm		Actual						
46570	Hardness, Ca + Mg	mg/l	Total	Actual						
49522	Hardness, carbonate	Molal	Total	Actual						
50060	Chlorine	mg/l	Total	Actual						
50086	Solids, Total Suspended (TSS)	Molal	Total	Actual					160.2	
50094	Arsenic	mg/l	Fixed	Actual					200.9	

Characteristic Group Details

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Montana Department of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
50095	Boron	mg/l	Total	Actual					200.7(W)	
50104	Potassium	mg/l	Total	Actual						
70300	Solids, Fixed	mg/l	Filterable	Actual						
70506	Phosphorus, orthophosphate as P	mg/l	Total	Actual						
70507	Phosphorus, orthophosphate as P	mg/l	Fixed	Actual						
70980	Productivity, Periphyton	mg/m3/day	Total	Actual						
71830	Hydroxide	mg/l	Total	Actual						
71870	Bromide	mg/l	Total	Actual						
71875	Hydrogen sulfide	mg/l	Total	Actual						
80102	Carbon, Total Organic (Toc)	mg/l	Suspended	Actual						
81208	Cyanide	mg/l	Dissolved	Actual						
82040	Palladium	ug/l	Dissolved	Actual						
82230	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LABWTR3	Laboratory Water Analysis, GR3	Sample	Water				N

Description Every Characteristic Group seems to be limited to 96 parameters.
This Characteristic Group should only be used for data migration from STOREASE.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00070	Turbidity	JCU		Actual						
00082	Color, True	PCU		Actual						
00095	Specific conductance	umho/cm		Actual						
00655	Phosphate	mg/l		Actual						

Characteristic Group Details

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MONT-DEQ Montana Department of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
01000	Arsenic	ug/l	Dissolved	Actual					200.9	
01032	Chromium, hexavalent	ug/l	Total	Actual						
01150	Titanium	ug/l	Dissolved	Actual						
71890	Mercury	ug/l	Dissolved	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEBL-CNT	Pebble Count as % of Total	Field Msr/Obs	Sediment				N
Citations	USDA Forest Service: Harrelson, Cheryl C., Rawlins, C.L., Potyondy, John P., 1994, Stream Channel Reference Sites: An Illustrated Guide to Field Technique, USDA, Forest Service, Rocky Mountain Forest & Range Experiment Station, Vol 1						
Description	Bed and Bank Material (substrate) Characterization by the Wolman Pebble Count (1954) as described page 49 - 50, above reference. Silt categorized as <1mm or subdivided if desired.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Substrate - silt	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		<1 mm			
10	Substrate - gravel, very coarse	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		32 - 45 mm			
11	Substrate - gravel, very coarse	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		45 - 64 mm			
12	Substrate - cobbles, small	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		64 - 90 mm			
13	Substrate - cobbles, small	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		90 - 128 mm			
14	Substrate - cobbles, large	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		128 - 180 mm			
15	Substrate - cobbles, large	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		180 - 256 mm			
16	Substrate - boulders, small	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000 % by vol			Particle Size Basis		256 - 362 mm			

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Substrate - boulders, small	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		362 - 512 mm			
18	Substrate - boulders, medium	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		512 - 1024 mm			
19	Substrate - boulders, large	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		1024 - 2048 mm			
2	Substrate - sand	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		1-2 mm			
20	Substrate - bedrock	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		> 2048 mm			
21	Substrate - miscellaneous other	% sediment		Actual	Maximum				PEBBLE	
	Acceptable Range	0.00000 - 499.00000	% sediment		Particle Size Basis		Total of all categories as a count			
3	Substrate - gravel, very fine	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		2 - 4 mm			
4	Substrate - gravel, fine	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		4 - 6 mm			
5	Substrate - gravel, fine	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		6 - 8 mm			
6	Substrate - gravel, medium	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		8 - 12 mm			
7	Substrate - gravel, medium	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		12 - 16 mm			
8	Substrate - gravel, coarse	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		16 - 22 mm			
9	Substrate - gravel, coarse	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		22 - 32 mm			
S1	Substrate - silt, very fine	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		0.062 mm - 0.125 mm			
S2	Substrate - silt, fine	% by vol		Actual					PEBBLE	
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		0.125 mm - 0.25 mm			
S3	Substrate - silt, medium	% by vol		Actual					PEBBLE	

Characteristic Group Details

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Montana Department of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100.00000	% by vol							
S4	Substrate - silt, coarse	% by vol		Actual						
	Acceptable Range	0.00000 - 100.00000	% by vol		Particle Size Basis		0.25 mm - 0.50 mm			
					Particle Size Basis		0.50 mm - 1.0 mm		PEBBLE	

Characteristic Group Details

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MTWTRSHD

Montana Watershed Data

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HABITAT	General Habiat Assessment	Field Msr/Obs					Y

Characteristic Group Details

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MWRD

Metro Waste Water Reclamation District (Colorado)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELD	Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CON	Specific conductance	uS/cm		Actual						
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
DOSAT	Dissolved oxygen saturation	%		Actual						
FPH	pH	None	Total	Actual					150.1	
	Acceptable Range	0.00000 - 14.00000	None							
SECCHI	Depth, Secchi Disk Depth	m		Actual						
TEMP	Temperature, water	deg C		Actual						
TURB	Turbidity	NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SAMPLES	sample parameters	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AGSFW	Silver	ug/l	Dissolved	Actual					272.2	
ALITW	Aluminum	mg/l	Total	Actual					200.7(W)	
ALK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual						
ALKB	Alkalinity, Bicarbonate as CaCO3	mg/l	Total	Actual					310.1	
ALKT	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.1	
ASTFW	Arsenic	ug/l	Total	Actual					206.2	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
CA	Calcium	mg/l	Total	Actual					200.7(W)	

Characteristic Group Details

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MWRD

Metro Waste Water Reclamation District (Colorado)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CBOD	BOD, carbonaceous	mg/l		Actual					5210-B	
CDSFW	Cadmium	ug/l	Dissolved	Actual					213.2	
CHLA	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	
CL	Chloride	mg/l	Total	Actual					325.2	
COND	Specific conductance	uS/cm		Actual					120.1	
COS	Carbon, organic	mg/l	Dissolved	Actual					415.1	
CUSFW	Copper	ug/l	Dissolved	Actual					220.2	
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
ECMPN	Escherichia coli	#/100ml		Actual					1103.1	
FCMF	Fecal Coliform	#/100ml	Filterable	Actual					9222-B	
FCMPN	Fecal Coliform	#/100ml	Total	Estimated					9221-E	
FEITW	Iron	mg/l	Total	Actual					200.7(W)	
FLOW	Flow	cfs		Actual					USGS FLOW	
FPH	pH	None		Actual					150.1	
HARD	Hardness, carbonate	mg/l		Actual					130.2	
HGCSW	Mercury	ug/l	Dissolved	Actual					245.2	
ICPSWCR	Chromium	mg/l	Dissolved	Actual					200.7(W)	
ICPSWCU	Copper	mg/l	Dissolved	Actual					200.7(W)	
ICPSWFE	Iron	mg/l	Dissolved	Actual					200.7(W)	
ICPSWMN	Manganese	mg/l	Dissolved	Actual					200.7(W)	
ICPSWNI	Nickel	mg/l	Dissolved	Actual					200.7(W)	
ICPSWPB	Lead	mg/l	Dissolved	Actual					200.7(W)	
ICPSWZN	Zinc	mg/l	Dissolved	Actual					200.7(W)	
ICPTWBE	Beryllium	mg/l	Total	Actual					200.7(W)	
ICPTWCD	Cadmium	mg/l	Total	Actual					200.7(W)	
ICPTWCR	Chromium	mg/l	Total	Actual					200.7(W)	

Characteristic Group Details

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MWRD

Metro Waste Water Reclamation District (Colorado)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ICPTWCU	Copper	mg/l	Total	Actual					200.7(W)	
ICPTWNI	Nickel	mg/l	Total	Actual					200.7(W)	
ICPTWPB	Lead	mg/l	Total	Actual					200.7(W)	
ICPTWSB	Antimony	mg/l	Total	Actual					200.7(W)	
ICPTWZN	Zinc	mg/l	Total	Actual					200.7(W)	
K	Potassium	mg/l	Total	Actual					200.7(W)	
MG	Magnesium	mg/l	Total	Actual					200.7(W)	
MNITW	Manganese	mg/l	Total	Actual					200.7(W)	
MOITW	Molybdenum	ug/l	Total	Actual					200.7(W)	
NA	Sodium	mg/l	Total	Actual					200.7(W)	
NH3A	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
NH3AA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
NO2	Nitrogen, Nitrite (NO2) as N	mg/l	Total	Actual					353.3	
NO2A	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.3	
NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l		Calculated						
NO5	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.1	
OP	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
OPA	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					365.1	
PBSFW	Lead	ug/l	Dissolved	Actual					239.2	
PDAWL	Phosphorus	mg/l	Dissolved	Actual					365.1	
POAL	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
PTAWL	Phosphate	mg/l	Total	Actual					365.1	
SESF	Selenium	ug/l	Dissolved	Actual					270.2	

Characteristic Group Details

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MWRD

Metro Waste Water Reclamation District (Colorado)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SETFW	Selenium	ug/l	Total	Actual					270.2	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.1	
TDS	Solids, Total Suspended (TSS)	mg/l	Dissolved	Actual					160.1	
TEMP	Temperature, water	deg C		Actual						
TKNH	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					415.1	
TPW	Phosphorus as P	mg/l	Total	Actual					365.4	
	Acceptable Range	0.03000 - 100,000.00000 mg/l								
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					160.1	
TURBI	Turbidity	NTU		Actual					180.1	
UNNH3	Ammonia, unionized	mg/l		Calculated						
WCN	Cyanide	ug/l	Dissolved	Actual					335.3	

Characteristic Group Details

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MWRDSTOR

Metropolitan Water Reclamation District of Greater Chicago

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
AWQMN	AMBIENT WATER QUALITY	Sample	Water				N			
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	mg/l	Total	Actual					3120	
AG SOL	Silver	mg/l	Dissolved	Actual					3120	
ALK	Alkalinity, Carbonate as CaCO3	mg/l		Actual						
AS	Arsenic	mg/l	Total	Actual					3120	200.2
AS SOL	Arsenic	mg/l	Dissolved	Actual					3120	
B	Boron	mg/l	Total	Actual					3120	
B SOL	Boron	mg/l	Dissolved	Actual					3120	
BA	Barium	mg/l	Total	Actual					3120	
BA SOL	Barium	mg/l	Dissolved	Actual					3120	
BOD5	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
CA	Calcium	mg/l	Total	Actual					3120	
CA SOL	Calcium	mg/l	Dissolved	Actual					3120	
CBOD5	BOD, carbonaceous	mg/l	Total	Actual					5210-B	
CD	Cadmium	mg/l	Total	Actual					3120	
CD SOL	Cadmium	mg/l	Dissolved	Actual					3120	
CHLORO A	Chlorophyll a, corrected for pheophytin	ug/l	Total	Actual					10200-H	200.2
CL	Chloride	mg/l	Total	Actual						
CN	Cyanide	mg/l	Total	Actual					4500-CN(C)	
CN-WAD	Cyanide	mg/l		Actual					4500-CN(C)	
CR	Chromium	mg/l	Total	Actual					3120	
CR SOL	Chromium	mg/l	Dissolved	Actual					3120	
CR6	Chromium, hexavalent	ug/l	Dissolved	Actual					3500-CR(D)	

Characteristic Group Details

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MWRDSTOR

Metropolitan Water Reclamation District of Greater Chicago

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CU	Copper	mg/l	Total	Actual					3120	
CU SOL	Copper	mg/l	Dissolved	Actual					3120	
DO	Dissolved oxygen (DO)	mg/l		Actual					4500-O-C	
ECOLI	Escherichia coli	#/100ml	Total	Actual						
F	Fluorides	mg/l		Actual						
FC	Fecal Coliform	#/100ml	Total	Actual					9222-D	
FE	Iron	mg/l	Total	Actual					3120	
FE SOL	Iron	mg/l	Dissolved	Actual					3120	
FOG	Oil and Grease	mg/l	Total	Actual					1664	
HG	Mercury	ug/l	Total	Actual					3112-B	
HG SOL	Mercury	ug/l	Dissolved	Actual					3112-B	
MG	Magnesium	mg/l	Total	Actual					3120	
MG SOL	Magnesium	mg/l	Dissolved	Actual					3120	
MN	Manganese	mg/l	Total	Actual					3120	
MN SOL	Manganese	mg/l	Dissolved	Actual					3120	
NH3-N	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual					350.1	
NI	Nickel	mg/l	Total	Actual					3120	
NI SOL	Nickel	mg/l	Dissolved	Actual					3120	
NO2+NO3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
PB	Lead	mg/l	Total	Actual					3120	
PB SOL	Lead	mg/l	Dissolved	Actual					3120	
PH	pH	None		Actual					4500-H	
PHENOL	Phenol	ug/l		Actual					420.1	
RADCHM A	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual						
RADCHM B	Gross beta radioactivity,	pCi/L	Total	Actual						

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MWRDSTOR

Metropolitan Water Reclamation District of Greater Chicago

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(Cesium-137 ref std)									
SE	Selenium	mg/l	Total	Actual					3120	
SE SOL	Selenium	mg/l	Dissolved	Actual					3120	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l		Actual					375.4	
SOL FE	Iron	mg/l	Dissolved	Actual					3120	
SOL P	Phosphorus	mg/l	Dissolved	Actual					365.4	
SS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					2540-D	
TDS	Solids, Dissolved	mg/l	Dissolved	Actual					2540-C	200.2
TEMP C	Temperature, water	deg C		Actual					2550	
TKN	Nitrogen, Kjeldahl	mg/l		Actual					351.2	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-C	
TOT FE	Iron	mg/l	Total	Actual					3120	
TOT P	Phosphorus	mg/l	Total	Actual					365.4	
TS	Solids, Total	mg/l	Total	Actual					2540-B	200.2
TURB	Turbidity	NTU		Actual						
VSS	Solids, Total Suspended (TSS)	mg/l	Volatile	Actual						
ZN	Zinc	mg/l	Total	Actual					3120	
ZN SOL	Zinc	mg/l	Dissolved	Actual					3120	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BNTMTR_S	Bnthc Macroinvert Metrics STOR	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HBI	Hilsenhoff Biotic Index	None		Calculated					UNKNOWN	
HPRIME	Taxonomic Diversity, Shannon & Wiener Index	None		Calculated					UNKNOWN	
SIMPSON	Taxonomic Diversity, Simpson Diversity Index	None		Calculated					UNKNOWN	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BNTMTR_U	Bnthc Macroinvert Metrics USER	Field Msr/Obs					Y

Description User defined characteristics for Benthic Macroinvertebrate Metrics

Row ID	Characteristic Name	Description
AMPHIND	Amphipod % Individuals (%)	Percent of individuals from the portion of sample counted that are Amphipods
AMPHPTAX	Amphipod % Distinct Taxa (%)	Percent of distinct taxa that are Amphipods in the portion of sample counted
AMPHRICH	Amphipod Dstnct Taxa Richnss	Number of distinct Amphipod taxa present in the portion of sample counted
BURRPIND	Burrower % Individuals (%)	Percent of individuals from the portion of sample counted that are Burrowers
BURRPTAX	Burrower % Distinct Taxa (%)	Percent of distinct taxa that are Burrowers in the portion of sample counted
BURRRICH	Burrower Dstnct Taxa Richnss	Number of distinct Burrower taxa present in the portion of sample counted
CHIRPIND	Chironomid % Individuals (%)	Percent of individuals from the portion of sample counted that are Chironomids
CHIRPTAX	Chironomid % Distinct Taxa (%)	Percent of distinct taxa that are Chironomids in the portion of sample counted
CHIRRICH	Chironomid Dstnct Taxa Richnss	Number of distinct Chironomid taxa present in the portion of sample counted
CLMBPIND	Climber % Individuals (%)	Percent of individuals from the portion of sample counted that are Climbers
CLMBPTAX	Climber % Distinct Taxa (%)	Percent of distinct taxa that are Climbers in the portion of sample counted
CLMBRICH	Climber Dstnct Taxa Richnss	Number of distinct Climber taxa present in the portion of sample counted
CLNGPIND	Clinger % Individuals (%)	Percent of individuals from the portion of sample counted that are Clingers

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Row ID	Characteristic Name	Description
CLNGPTAX	Clinger % Distinct Taxa (%)	Percent of distinct taxa that are Clingers in the portion of sample counted
CLNGRICH	Clinger Dstnct Taxa Richnss	Number of distinct Clinger taxa present in the portion of sample counted
COFIPIND	Coll-Filt % Individuals (%)	Percent of individuals from the portion of sample counted that are Collector-Filterers
COFIPTAX	Coll-Filt % Dstnct Taxa (%)	Percent of distinct taxa that are Collector-Filterers in the portion of sample counted
COFIRICH	Coll-Filt Dstnct Taxa Richnss	Number of distinct collector-filterer taxa present in the portion of sample counted
COGAPIND	Coll-Gath % Individuals (%)	Percent of individuals from the portion of sample counted that are Collector-Gatherers
COGAPTAX	Coll-Gath % Distinct Taxa (%)	Percent of distinct taxa that are Collector-Gatherers in the portion of sample counted
COGARICH	Coll-Gath Dstnct Taxa Richnss	Number of distinct collector-gatherer taxa present in the portion of sample counted
COLPPIND	Coleoptera % Individuals (%)	Percent of individuals from the portion of sample counted that are Coleoptera
COLPPTAX	Coleoptera % Distinct Taxa (%)	Percent of distinct taxa that are Coleoptera in the portion of sample counted
COLPRICH	Coleoptera Dstnct Taxa Richnss	Number of distinct Coleoptera taxa present in the portion of sample counted
DOM1PIND	% Indiv in Dominant Taxa (%)	Percent of Individuals from the portion of sample counted that are in the dominant taxa
DOM1TAXA	Dominant Taxa (ITIS#)	ITIS number of the dominant taxa in the portion of sample counted
DOM3PIND	% Indiv in Top 3 Taxa (%)	Percent of individuals from the portion of sample counted that are in the top 3 taxa
DOM5PIND	% Indiv in Top 5 Taxa (%)	Percent of individuals from the portion of sample counted that are in the top 5 taxa
EPHEPIND	Ephemeroptera % Indiv (%)	Percent of individuals from the portion of sample counted that are Ephemeroptera
EPHEPTAX	Ephemeroptera %Dstnct Taxa (%)	Percent of distinct taxa that are Ephemeroptera in the portion of sample counted
EPHERICH	Ephemeroptera Dstnct Taxa Rch	Number of distinct Ephemeroptera taxa present in the portion of sample counted
EPT_PIND	EPT % Individuals (%)	Percent of individuals from the portion of sample counted that are Ephemeroptera, Plecoptera, or Trichoptera
EPT_PTAX	EPT % Distinct Taxa (%)	Percent of distinct taxa that are Ephemeroptera, Plecoptera, or Trichoptera in the portion of sample counted
EPT_RICH	EPT Distinct Taxa Richness	Number of distinct Ephemeroptera, Plecoptera, and Trichoptera taxa present in the portion of sample counted
FACLPIIND	Facultative % Individuals (%)	Percent of individuals from the portion of sample counted that are Facultative
FACLPTAX	Facultative % Dstnct Taxa (%)	Percent of distinct taxa that are Facultative in the portion of sample counted
FACLRICH	Facultative Dstnct Taxa Rch	Number of distinct facultative taxa present in the portion of sample counted
HBI	Hilsenhoff Biotic Index	Hilsenhoff Biotic Index. Calculated value.
HPRIME	Shannon & Wiener TDI	Shannon & Wiener Macroinvertebrate Taxonomic Diversity Index. Calculated value.
INTLPIND	Intolerant % Individuals	Percent of individuals from the portion of sample counted that are Intolerant

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Row ID	Characteristic Name	Description
INTLPTAX	Intolerant % Distinct Taxa (%)	Percent of distinct taxa that are Intolerant in the portion of sample counted
INTLRICH	Intolerant Dstnct Taxa Richnss	Number of distinct intolerant taxa present in the portion of sample counted
MEGLPIND	Megaloptera % Individuals (%)	Percent of individuals from the portion of sample counted that are Megaloptera
MEGLPTAX	Megaloptera % Dstnct Taxa (%)	Percent of distinct taxa that are Megaloptera in the portion of sample counted
MEGLRICH	Megaloptera Dstnct Taxa Rch	Number of distinct Megaloptera taxa present in the portion of sample counted
MITEPIND	Trombidiforme % Individ (%)	Percent of individuals from the portion of sample counted that are Trombidiformes
MITEPTAX	Trombidiforme %Dstnct Taxa (%)	Percent of distinct taxa that are Trombidiforme in the portion of sample counted
MITERICH	Trombidiforme Dstnct Taxa Rch	Number of distinct Trombidiforme taxa present in the portion of sample counted
MOLLPIND	Mollusc % Individ (%)	Percent of individuals from the portion of sample counted that are Molluscs
MOLLPTAX	Mollusc %Dstnct Taxa (%)	Percent of distinct taxa that are Molluscs in the portion of sample counted
MOLLRICH	Mollusc Dstnct Taxa Rch	Number of distinct Mollusc taxa present in the portion of sample counted
NOINPIND	Non-Insect % Individuals (%)	Percent of individuals from the portion of sample counted that are insects
NOINPTAX	Non-Insect % Distinct Taxa (%)	Percent of distinct taxa that are insects in the portion of sample counted
NOINRICH	Non-Insect Dstnct Taxa Richnss	Number of distinct insect taxa present in the portion of sample counted
NUMTRANS	# Transect Samples Composited	Number of Transect Samples Composited
ODONPIND	Odonata % Indiv (%)	Percent of individuals from the portion of sample counted that are Odonata
ODONPTAX	Odonata % Dstnct Taxa (%)	Percent of distinct taxa that are Odonata in the portion of sample counted
ODONRICH	Odonata Dstnct Taxa Rch	Number of distinct Odonata taxa present in the portion of sample counted
OLLEPIND	Oligochaete/Leech % Indiv (%)	Percent of individuals from the portion of sample counted that are Oligochaetes/Leeches
OLLEPTAX	Oligochaete % Dstnct Taxa (%)	Percent of distinct taxa that are Oligochaetes/Leeches in the portion of sample counted
OLLERICH	Oligochaete Dstnct Taxa Rch	Number of distinct Oligochaete/Leech taxa present in the portion of sample counted
OMNIPIND	Omnivore % Individuals (%)	Percent of individuals from the portion of sample counted that are omnivores
OMNIPTAX	Omnivore % Distinct Taxa (%)	Percent of distinct taxa that are omnivores in the portion of sample counted
OMNIRICH	Omnivore Dstnct Taxa Richness	Number of distinct omnivorous taxa present in the portion of sample counted
PCTCOUNT	% of Sample Counted (%)	Percent of the total sample counted
PLECPIND	Plecoptera % Individuals (%)	Percent of individuals from the portion of sample counted that are Plecoptera
PLECPTAX	Plecoptera % Distinct Taxa (%)	Percent of distinct taxa that are Plecoptera in the portion of sample counted

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Row ID	Characteristic Name	Description
PLECRICH	Plecoptera Dstnct Taxa Richnss	Number of distinct Plecoptera taxa present in the portion of sample counted
PREDPIND	Predator % Individuals (%)	Percent of individuals from the portion of sample counted that are predators
PREDPTAX	Predator % Distinct Taxa (%)	Percent of distinct taxa that are predators in the portion of sample counted
PREDRICH	Predator Dstnct Taxa Richness	Number of distinct predator taxa present in the portion of sample counted
SCRPPIND	Scraper % Individuals (%)	Percent of individuals from the portion of sample counted that are scrapers
SCRPTAX	Scraper % Distinct Taxa (%)	Percent of distinct taxa that are scrapers in the portion of sample counted
SCRPRICH	Scraper Distinct Taxa Richness	Number of distinct scaper taxa present in the portion of sample counted
SHRDPIND	Shredder % Individuals (%)	Percent of individuals from the portion of sample counted that are shredders
SHRDPTAX	Shredder % Distinct Taxa (%)	Percent of distinct taxa that are shredders in the portion of sample counted
SHDRICH	Shredder Dstnct Taxa Richness	Number of distinct shredder taxa present in the portion of sample counted
SIMPSON	Simpson Taxon Diversity Index	Simpson Taxonomic Diversity Index. Calculated value.
SPRLPIND	Sprawler % Individuals (%)	Percent of individuals from the portion of sample counted that are Sprawlers
SPRLPTAX	Sprawler % Distinct Taxa (%)	Percent of distinct taxa that are sprawlers in the portion of sample counted
SPRLRICH	Sprawler Dstnct Taxa Richness	Number of distinct sprawler taxa present in the portion of sample counted
SWIMPIND	Swimmer % Individuals (%)	Percent of individuals from the portion of sample counted that are Swimmers
SWIMPTAX	Swimmer % Distinct Taxa (%)	Percent of distinct taxa that are swimmers in the portion of sample counted
SWIMRICH	Swimmer Dstnct Taxa Richness	Number of distinct swimmer taxa present in the portion of sample counted
TL01PIND	PTV 0-1.9 % Individuals (%)	Percent of individuals from the portion of sample counted that have a Pollution Tolerance Value of 0 to 1.9
TL01PTAX	PTV 0-1.9 % Distinct Taxa (%)	Percent of distinct taxa that have a Pollution Tolerance Value of 0 to 1.9 in the portion of sample counted
TL01RICH	PTV 0-1.9 Dstnct Taxa Richness	Number of taxa present in the portion of sample counted with a Pollution Tolerance Value of 0 to 1.9
TL23PIND	PTV 2-3.9 % Individuals (%)	Percent of individuals from the portion of sample counted that have a Pollution Tolerance Value of 2 to 3.9
TL23PTAX	PTV 2-3.9 % Distinct Taxa (%)	Percent of distinct taxa that have a Pollution Tolerance Value of 2 to 3.9 in the portion of sample counted
TL23RICH	PTV 2-3.9 Dstnct Taxa Richness	Number of taxa present in the portion of sample counted with a Pollution Tolerance Value of 2 to 3.9
TL45PIND	PTV 4-5.9 % Individuals (%)	Percent of individuals from the portion of sample counted that have a Pollution Tolerance Value of 4 to 5.9
TL45PTAX	PTV 4-5.9 % Distinct Taxa (%)	Percent of distinct taxa that have a Pollution Tolerance Value of 4 to 5.9 in the portion of sample counted
TL45RICH	PTV 4-5.9 Dstnct Taxa Richness	Number of taxa present in the portion of sample counted with a Pollution Tolerance Value of 4 to 5.9
TL67PIND	PTV 6-7.9 % Individuals (%)	Percent of individuals from the portion of sample counted that have a Pollution Tolerance Value of 6 to 7.9

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Row ID	Characteristic Name	Description
TL67PTAX	PTV 6-7.9 % Distinct Taxa (%)	Percent of distinct taxa that have a Pollution Tolerance Value of 6 to 7.9 in the portion of sample counted
TL67RICH	PTV 6-7.9 Dstnct Taxa Richness	Number of taxa present in the portion of sample counted with a Pollution Tolerance Value of 6 to 7.9
TL89PIND	PTV 8-10 % Individuals (%)	Percent of individuals from the portion of sample counted that have a Pollution Tolerance Value of 8 to 10
TL89PTAX	PTV 8-10 % Distinct Taxa (%)	Percent of distinct taxa that have a Pollution Tolerance Value of 8 to 10 in the portion of sample counted
TL89RICH	PTV 8-10 Dstnct Taxa Richness	Number of taxa present in the portion of sample counted with a Pollution Tolerance Value of 8 to 10
TOLRPIND	Tolerant % Individuals (%)	Percent of individuals from the portion of sample counted that are tolerant
TOLRPTAX	Tolerant % Distinct Taxa (%)	Percent of distinct taxa that are tolerant in the portion of sample counted
TOLRRICH	Tolerant Dstnct Taxa Richness	Number of distinct tolerant taxa present in the portion of sample counted
TOTLDENS	Macroinvert Density (#/m2)	Density of macroinvertebrates in the portion of the sample counted in number per meter sqared
TOTLNIND	Total Number of Individuals	Total number of individuals in the portion of the sample counted
TOTLRICH	Total Distinct Taxa Richness	Number of distinct taxa present in the portion of sample counted
TRICPIND	Trichoptera % Individuals (%)	Percent of individuals from the portion of sample counted that are Trichoptera
TRICPTAX	Trichoptera % Dstnct Taxa (%)	Percent of distinct taxa that are Trichoptera in the portion of sample counted
TRICRICH	Trichoptera Dstnct Taxa Rch	Number of distinct Trichoptera taxa present in the portion of sample counted

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHANNEL	Channel Constraint Data	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
BANKFULL	Bankfull width (m)	
CHAN_CON	Channel Constraint	Choices CH, CT, CB, UA, US, CL - Need to define what these mean. Question Marlys
CONSTRNT	Channel Constraint (choice)	UNC_NARROW = Channel is in Narrow Valley but is not very constrained UNC_BROAD = Channel is Unconstrained in Broad Valley CON_VSHAPED = Channel is very constrained in V-shaped valley CON_BROAD = Channel is in braod valley but channel movement by erosion is contrained by Incision
FEATURES	Features Constraining Channel	Bedrock - "BEDROCK" (i.e. channel is bedrock-dominated gorge) Hillslope - "HILLSLOPE" (i.e. channel is contrained in narrow V-shaped valley) Terrace - "TERRACE" (i.e. channel is contrained by its own incision into river/stream gravel/soil deposits)

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Row ID	Characteristic Name	Description
		Human Bank Alterations - "HUMAN" (i.e. constrained by rip-rap, landfill, dike, road, etc.) No Constraining Features - "NOCONST"
PATTERN	Channel Pattern	SINGLE = One channel ANASTOM = Anastomosing (complex) channel BRAIDED = Braided channel
PERCENT	% Contact With Constraint	Percent of channel length in contact with the constraint.
VALLEY	Valley Width	A visual estimate of the valley width in meters
VALLYBOX	Valley Width Greater	Enter "Y" if the valley width is greater than what is visible.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CNPYCOV	Canopy Cover by Densimeter	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
COM_FLDF	Flag for canopy cover measure	Flag for measurement given by field crew. See Wadeable Streams Assessment documentation for explanations.
DENSIOM	Count using sphr. densimeter	Count using spherical densimeter; 0 = no canopy cover; 17 = maximum canopy cover

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FISHCOV	In Channel Fish Cover	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
ALGAE	Cvr Class- Filamentous Algae	Cover class for filamentous algae (long streaming algae that often occur in slow moving waters); "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%
ALGAE_F	Flag - Filamentous algae	Flag for filamentous algae cover measure. See WSA documentation for explanation.
BOULDR	Cvr. Class-In Chan. Boulders	Cover class for in-channel boulders (typically basketball- to car-sized particles); "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%
BOULDR_F	Flag - In Channel Boulders	Flag for In Channel Boulder measurement. See WSA documentation for explanation.
BRUSH	Cvr. Class-Brush/Woody Debris	Cover class for woody debris less than 0.3m in diameter (smaller wood pieces that primarily affect cover but not morphology); "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%

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Row ID	Characteristic Name	Description
BRUSH_F	Flag - Brush/Woody Debris	Flag for Brush/Woody Debris measurement. See WSA documentation for explanations.
COM_FLDF	General Measurement Comment	General comment assigned by field personnel for the measurement activity. See WSA documentation for explanation.
CONSTRT	Channel Constraint	Channel Constraint. See WSA documentation for explanation of letter codes.
MACPHY	Cvr. Class-Macrophyton	Cover class for aquatic macrophytes (water-loving plants, including mosses, in the stream that could provide cover for fish or macroinvertebrates; if the stream channel contains live wetland grasses, include these as macrophytes); "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%
MACPHY_F	Flag - Macrophyton	Flag for aquatic macrophyte measurement. See WSA documentation for explanations.
OVRHNG	Cvr. Class-Overhanging Veg.	Cover class for overhanging vegetation (includes tree branches, brush, twigs, or other small debris that is not in the water but is close to the stream (within 1 m of the surface) and provides potential cover); "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%
OVRHNG_F	Flag - Overhanging Veg	Flag for Overhanging Vegetation. See WSA documentation for explanations.
ROOTS	Cvr. Class-Roots	Flag for Living Trees or Roots (living trees that are within the channel -- estimate the areal cover provided by the parts of these trees or roots that are inundated; for ephemeral channels, estimate the proportional cover of these trees that is inundated during bankfull flows)
ROOTS_F	Flag - Roots	Flag for living trees or roots.
SEEOVRBK	Ability to See Over Bank	Flags the ability to see over bank. Y = can see over bank. N = cannot see over bank.
SHOR2VEG	Dist from shore to nearest veg	Distance from shore to the nearest vegetation (m)
STRUCT	Cvr. Class-Artificial Struct.	Cover class for artificial structures (include those designed for fish habitat enhancement, as well as in-channel structures discarded (e.g., concrete, asphalt, cars, or tires) or purposefully placed for diversion, impoundment, channel stabilization, or other purposes); "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%
STRUCT_F	Flag - Artificial Structures	Flag for artificial structures measurement. See WSA documentation for explanations.
UNDCUT	Cvr. Class-Bank Undercuts	Cover class for Bank Undercuts; "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%
UNDCUT_F	Flag - Bank Undercuts	Flag - Bank Undercuts measurement. See WSA documentation for explanations.
WOODY	Cvr. Class-Woody Debris >0.3m	Cover class for woody debris greater than 0.3m (the larger pieces of wood that can influence cover and stream morphology (i.e., those pieces that would be included in the large woody debris tally); "0"=absent: zero cover, "1"=sparse: <10%, "2"=moderate: 10-40%, "3"=heavy: 40-75%, or "4"=very heavy: >75%
WOODY_F	Flag - Woody Debris Understory	Flag for Woody Debris Understory (>0.3m). See WSA documentation for explanation.

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	Stream Velocity & Flow Msrmnts	Field Msr/Obs					Y
Row ID	Characteristic Name	Description					
FLOW	Instantaneous Discharge	Measured in m ³ /sec					
FLOWMETH	Flow Measurement Method	VEL_DEPTH = Velocity Area Method; BUCKET = Timed Filling Method; ROUGH_EST = Field crew made rough estimate; QVAL = Discharge determed directly in field using meter; VISUAL_EST = Visual estimate of flow made by field crew; Refer to Wadeable Streams documentation for details					
FLOW_CFS	Instantaneous Discharge (cfs)	Measured in cfs (cubic feet per second)					
NINTRVL	Velocity Intervals	Number of Non-zero velocity intervals					
SWIDTH	Stream Width at Discharge Pt	Stream with at discharge point measured in meters (m)					
XS_AREA	Water Cross Sectional Area	Cross sectional area of stream measured in square centimeters (cm ²)					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INPLNT	Invasive Plant Data - Species	Field Msr/Obs					Y
Row ID	Characteristic Name	Description					
NONE1	No listed invasive sp. present	No listed invasive species present denoted by "X"; otherwise a blank result or no result presented.					
SPECIES1	Species present in Riprn. Zone	The name of identified species in the riparian zone. Abbreviations for species names as follows: -Lpd. Latifolium = Lepidium latifolium -MRNG. GLORY-EX. = MORNING GLORY-EXOTIC -OLIVE TREE PRSN = OLIVE TREE PRESENT -Phal. arndnacea = Phalaris arundinacea -Phal. arndnacea = Phalaris arundinaceae -PURPLE LSSTRF. = PURPLE LOOSESTRIFE -RabbitfootGrass = RABBITFOOT GRASS -ReedCanaryGrass = Reed canary grass -RUSS. KNAPWEED? = RUSSIAN KNAPWEED? -SVRLF. SCURFPEA = SILVERLEAF SCURFPEA -SM THSTL-FLDMNS = SMALL THISTLE (FLODMANS) -SM THSTL FLDMN? = SMALL THISTLE (FLODMANS?) -SPOTTED KNAPWD. = SPOTTED KNAPWEED -SNFLWR-CULTIVAR = SUNFLOWER (CULTIVAR) -SNFLR-CULTIVAR? = SUNFLOWER (CULTIVAR?)					

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Row ID	Characteristic Name	Description
		<ul style="list-style-type: none"> -SWT WHT. CLOVER = SWEET WHITE CLOVER -SWT WHT. CLOVER = SWEET WHITECLOVER -SWT WHT. CLOVER = SWEETWHITE CLOVER -SYMP. OCCIDEN. = SYMPHORICARPOS OCCIDENTALIS -THSTL-BULL FLD? = THISTLE (BULL FLOD?) -UNK. = UNKNOWN -UNK GRASS/SEDGE = UNKNOWN GRASSES/SEDGE -UNK. MUSTARD = UNKNOWN MUSTARD -UNK GRASS/SEDGE = UNKNOWN SEDGE/GRASSES -UNK. SUNFLOWER = UNKNOWN SUNFLOWER -VA. = VIRGINIA -W. = WESTERN -W. WHEAT GRASS = WESTERN WHEAT GRASS -WHT SWT. CLOVER = WHITE SWEET CLOVER -YLW SWT. CLOVER = YELLOW SWEETCLOVER
SPECIES2	2nd Species present in Rp. Zn.	<p>The name of identified species in the riparian zone. Abbreviations for species names as follows:</p> <ul style="list-style-type: none"> -Lpd. Latifolium = Lepidium latifolium -MRNG. GLORY-EX. = MORNING GLORY-EXOTIC -OLIVE TREE PRSN = OLIVE TREE PRESENT -Phal. arndnacea = Phalaris arundinacea -Phal. arndnacea = Phalaris arundinaceae -PURPLE LSSTRF. = PURPLE LOOSESTRIFE -RabbitfootGrass = RABBITFOOT GRASS -ReedCanaryGrass = Reed canary grass -RUSS. KNAPWEED? = RUSSIAN KNAPWEED? -SVRLF. SCURFPEA = SILVERLEAF SCURFPEA -SM THSTL-FLDMNS = SMALL THISTLE (FLODMANS) -SM THSTL FLDMN? = SMALL THISTLE (FLODMANS?) -SPOTTED KNAPWD. = SPOTTED KNAPWEED -SNFLWR-CULTIVAR = SUNFLOWER (CULTIVAR) -SNFLR-CULTIVAR? = SUNFLOWER (CULTIVAR?) -SWT WHT. CLOVER = SWEET WHITE CLOVER -SWT WHT. CLOVER = SWEET WHITECLOVER -SWT WHT. CLOVER = SWEETWHITE CLOVER -SYMP. OCCIDEN. = SYMPHORICARPOS OCCIDENTALIS -THSTL-BULL FLD? = THISTLE (BULL FLOD?) -UNK. = UNKNOWN -UNK GRASS/SEDGE = UNKNOWN GRASSES/SEDGE

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Row ID	Characteristic Name	Description
		<ul style="list-style-type: none"> -UNK. MUSTARD = UNKNOWN MUSTARD -UNK GRASS/SEDGE = UNKNOWN SEDGE/GRASSES -UNK. SUNFLOWER = UNKNOWN SUNFLOWER -VA. = VIRGINIA -W. = WESTERN -W. WHEAT GRASS = WESTERN WHEAT GRASS -WHT SWT. CLOVER = WHITE SWEET CLOVER -YLW SWT. CLOVER = YELLOW SWEETCLOVER
SPECIES3	3rd Species present in Rp. Zn.	<p>The name of identified species in the riparian zone. Abbreviations for species names as follows:</p> <ul style="list-style-type: none"> -Lpd. Latifolium = Lepidium latifolium -MRNG. GLORY-EX. = MORNING GLORY-EXOTIC -OLIVE TREE PRSN = OLIVE TREE PRESENT -Phal. arndnacea = Phalaris arundinacea -Phal. arndnacea = Phalaris arundinaceae -PURPLE LSSTRF. = PURPLE LOOSESTRIFE -RabbitfootGrass = RABBITFOOT GRASS -ReedCanaryGrass = Reed canary grass -RUSS. KNAPWEED? = RUSSIAN KNAPWEED? -SVRLF. SCURFPEA = SILVERLEAF SCURFPEA -SM THSTL-FLDMNS = SMALL THISTLE (FLODMANS) -SM THSTL FLDMN? = SMALL THISTLE (FLODMANS?) -SPOTTED KNAPWD. = SPOTTED KNAPWEED -SNFLWR-CULTIVAR = SUNFLOWER (CULTIVAR) -SNFLR-CULTIVAR? = SUNFLOWER (CULTIVAR?) -SWT WHT. CLOVER = SWEET WHITE CLOVER -SWT WHT. CLOVER = SWEET WHITECLOVER -SWT WHT. CLOVER = SWEETWHITE CLOVER -SYMP. OCCIDEN. = SYMPHORICARPOS OCCIDENTALIS -THSTL-BULL FLD? = THISTLE (BULL FLOD?) -UNK. = UNKNOWN -UNK GRASS/SEDGE = UNKNOWN GRASSES/SEDGE -UNK. MUSTARD = UNKNOWN MUSTARD -UNK GRASS/SEDGE = UNKNOWN SEDGE/GRASSES -UNK. SUNFLOWER = UNKNOWN SUNFLOWER -VA. = VIRGINIA -W. = WESTERN -W. WHEAT GRASS = WESTERN WHEAT GRASS -WHT SWT. CLOVER = WHITE SWEET CLOVER -YLW SWT. CLOVER = YELLOW SWEETCLOVER

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Row ID	Characteristic Name	Description
SPECIES4	4th Species present in Rp. Zn.	<p>The name of identified species in the riparian zone. Abbreviations for species names as follows: -Lpd. Latifolium = Lepidium latifolium -MRNG. GLORY-EX. = MORNING GLORY-EXOTIC -OLIVE TREE PRSN = OLIVE TREE PRESENT -Phal. arndnacea = Phalaris arundinacea -Phal. arndnacea = Phalaris arundinaceae -PURPLE LSSTRF. = PURPLE LOOSESTRIFE -RabbitfootGrass = RABBITFOOT GRASS -ReedCanaryGrass = Reed canary grass -RUSS. KNAPWEED? = RUSSIAN KNAPWEED? -SVRLF. SCURFPEA = SILVERLEAF SCURFPEA -SM THSTL-FLDMNS = SMALL THISTLE (FLODMANS) -SM THSTL FLDMN? = SMALL THISTLE (FLODMANS?) -SPOTTED KNAPWD. = SPOTTED KNAPWEED -SNFLWR-CULTIVAR = SUNFLOWER (CULTIVAR) -SNFLR-CULTIVAR? = SUNFLOWER (CULTIVAR?) -SWT WHT. CLOVER = SWEET WHITE CLOVER -SWT WHT. CLOVER = SWEET WHITECLOVER -SWT WHT. CLOVER = SWEETWHITE CLOVER -SYMP. OCCIDEN. = SYMPHORICARPOS OCCIDENTALIS -THSTL-BULL FLD? = THISTLE (BULL FLOD?) -UNK. = UNKNOWN -UNK GRASS/SEDGE = UNKNOWN GRASSES/SEDGE -UNK. MUSTARD = UNKNOWN MUSTARD -UNK GRASS/SEDGE = UNKNOWN SEDGE/GRASSES -UNK. SUNFLOWER = UNKNOWN SUNFLOWER -VA. = VIRGINIA -W. = WESTERN -W. WHEAT GRASS = WESTERN WHEAT GRASS -WHT SWT. CLOVER = WHITE SWEET CLOVER -YLW SWT. CLOVER = YELLOW SWEETCLOVER</p>
SPECIES5	5th Species present in Rp. Zn.	<p>The name of identified species in the riparian zone. Abbreviations for species names as follows: -Lpd. Latifolium = Lepidium latifolium -MRNG. GLORY-EX. = MORNING GLORY-EXOTIC -OLIVE TREE PRSN = OLIVE TREE PRESENT -Phal. arndnacea = Phalaris arundinacea -Phal. arndnacea = Phalaris arundinaceae</p>

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Row ID	Characteristic Name	Description
		-PURPLE LSSTRF. = PURPLE LOOSESTRIFE -RabbitfootGrass = RABBITFOOT GRASS -ReedCanaryGrass = Reed canary grass -RUSS. KNAPWEED? = RUSSIAN KNAPWEED? -SVRLF. SCURFPEA = SILVERLEAF SCURFPEA -SM THSTL-FLDMNS = SMALL THISTLE (FLODMANS) -SM THSTL FLDMN? = SMALL THISTLE (FLODMANS?) -SPOTTED KNAPWD. = SPOTTED KNAPWEED -SNFLWR-CULTIVAR = SUNFLOWER (CULTIVAR) -SNFLR-CULTIVAR? = SUNFLOWER (CULTIVAR?) -SWT WHT. CLOVER = SWEET WHITE CLOVER -SWT WHT. CLOVER = SWEET WHITECLOVER -SWT WHT. CLOVER = SWEETWHITE CLOVER -SYMP. OCCIDEN. = SYMPHORICARPOS OCCIDENTALIS -THSTL-BULL FLD? = THISTLE (BULL FLOD?) -UNK. = UNKNOWN -UNK GRASS/SEDGE = UNKNOWN GRASSES/SEDGE -UNK. MUSTARD = UNKNOWN MUSTARD -UNK GRASS/SEDGE = UNKNOWN SEDGE/GRASSES -UNK. SUNFLOWER = UNKNOWN SUNFLOWER -VA. = VIRGINIA -W. = WESTERN -W. WHEAT GRASS = WESTERN WHEAT GRASS -WHT SWT. CLOVER = WHITE SWEET CLOVER -YLW SWT. CLOVER = YELLOW SWEETCLOVER
SPECIES6	6th Species present in Rp. Zn.	The name of identified species in the riparian zone. Abbreviations for species names as follows: -Lpd. Latifolium = Lepidium latifolium -MRNG. GLORY-EX. = MORNING GLORY-EXOTIC -OLIVE TREE PRSN = OLIVE TREE PRESENT -Phal. arndnacea = Phalaris arundinacea -Phal. arndnacea = Phalaris arundinaceae -PURPLE LSSTRF. = PURPLE LOOSESTRIFE -RabbitfootGrass = RABBITFOOT GRASS -ReedCanaryGrass = Reed canary grass -RUSS. KNAPWEED? = RUSSIAN KNAPWEED? -SVRLF. SCURFPEA = SILVERLEAF SCURFPEA -SM THSTL-FLDMNS = SMALL THISTLE (FLODMANS) -SM THSTL FLDMN? = SMALL THISTLE (FLODMANS?)

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Row ID	Characteristic Name	Description
		-SPOTTED KNAPWD. = SPOTTED KNAPWEED -SNFLWR-CULTIVAR = SUNFLOWER (CULTIVAR) -SNFLR-CULTIVAR? = SUNFLOWER (CULTIVAR?) -SWT WHT. CLOVER = SWEET WHITE CLOVER -SWT WHT. CLOVER = SWEET WHITECLOVER -SWT WHT. CLOVER = SWEETWHITE CLOVER -SYMP. OCCIDEN. = SYMPHORICARPOS OCCIDENTALIS -THSTL-BULL FLD? = THISTLE (BULL FLOD?) -UNK. = UNKNOWN -UNK GRASS/SEDGE = UNKNOWN GRASSES/SEDGE -UNK. MUSTARD = UNKNOWN MUSTARD -UNK GRASS/SEDGE = UNKNOWN SEDGE/GRASSES -UNK. SUNFLOWER = UNKNOWN SUNFLOWER -VA. = VIRGINIA -W. = WESTERN -W. WHEAT GRASS = WESTERN WHEAT GRASS -WHT SWT. CLOVER = WHITE SWEET CLOVER -YLW SWT. CLOVER = YELLOW SWEETCLOVER
TARGET1	Targetted Species Flag	For the first identified species: 1 = the species is a targetted species; 0 = the species is not targetted.
TARGET2	Targetted Species Flag -2nd ID	For the second identified species: 1 = the species is a targetted species; 0 = the species is not targetted.
TARGET3	Targetted Species Flag -3rd ID	For the third identified species: 1 = the species is a targetted species; 0 = the species is not targetted.
TARGET4	Targetted Species Flag -4th ID	For the fourth identified species: 1 = the species is a targetted species; 0 = the species is not targetted.
TARGET5	Targetted Species Flag -5th ID	For the fifth identified species: 1 = the species is a targetted species; 0 = the species is not targetted.
TARGET6	Targetted Species Flag -6th ID	For the sixth identified species: 1 = the species is a targetted species; 0 = the species is not targetted.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INVPLNT	Invasive plant metrics	Field Msr/Obs					Y
Row ID	Characteristic Name	Description					
F_ARCMIN	Arctium minus, Rch. with						
F_ARUDON	Arundo donax, Rch. with						
F_BROTEC	Bromus tectorum, Rch. with						

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Row ID	Characteristic Name	Description
F_CARDRA	Cardaria draba, Rch. with	
F_CARNUT	Carduus nutans, Rch. with	
F_CIRARV	Cirsium arvense, Rch. with	
F_DIPFUL	Dipsacus fullonum., Rch. with	
F_ELAANG	Elaeagnus angustifolia, Rch. w	
F_EUPESU	Euphorbia esula, Rch. with	
F_HEDHEL	Hedera helix, Rch. with	
F_LEPLAT	Lepidium latifolium, Rch. with	
F_PHAARU	Phalaris arundinaceae, Rch. wi	
F_RUBDIS	Rubus discolor, Rch. with	
F_TAMSPP	Tamarisk spp., Rch. with	
F_XMISSX	No target species., Reach with	
F_XNONTX	Non-target spp., Reach with	
IP_SCORE	Invasive plant score	Invasive plant score (=SUM(f_*))

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGTREE	Legacy Tree Data	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
DBH	Diameter breast height (m)	Diameter breast height measured in meteres
DISTANCE	Distance from river/stream (m)	Distance from river/stream wetted margin measured in meters (m)
HEIGHT	Estimated height (m)	Estimated height in meters (m)
NOTREES	No trees in range or sight	No trees in range or sight marked with "No trees" otherwise left blank
SPECIES	Species present in Rip. Zone	Species present in the riparian zone. Abbreviations for results in this field: -Brdlf Evergreen = Broadleaf Evergreen.
TREE	Tree type	Tree type Abbreviations used for results in this field:

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Row ID	Characteristic Name	Description
		-SAF. = SUB-ALPINE FIR
		-COTTONWD = COTTONWOOD
		-W. = WESTERN
		-UNK. = UNKNOWN
		-CO. = COLORADO
		-CA. = CALIFORNIA
		-JNPR. = JUNIPER
		-E. = EASTERN
		-NRWLF. = NARROWLEAF
		-BRN = BURNT
		-SNGLF. = SINGLELEAF
		-ALP. = ALPINE
		-FRMNT. = FREEMONT & FREMONT
		-CED/CYP/SEQ = CEDAR/CYPRUS/SEQUOIA
		-ENGMN. = ENGLEMAN/ENGELMANN
		-BUF. = BUFFALO
		-DSRT. = DESERT
		-FR/DG FR/HMLK = FIR/DOUG FIR/HEMLOCK
		->30* = TOP BROKEN OFF; >30 HEIGHT

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGWOODY	Large Woody Debris Counts	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
COM_FLDF	Activity Comment	Flag for the results of this activity. See Wadeable Streams documentation for an explanation of flags used.
DRYLDLL	Dry Large Diameter Long Length	Count of dry large diameter long length large woody debris
DRYLDML	Dry Large Dia Medium Length	Count of dry large diameter medium length large woody debris
DRYLDL	Dry Large Dia. Short Length	Count of dry, large diameter, short length large woody debris
DRYMDLL	Dry Medium Dia. Long Length	Count of dry, medium diameter, long length large woody debris
DRYMDML	Dry Medium Dia. Medium Length	Count of dry, medium diameter, medium length large woody debris
DRYMDL	Dry Medium Dia. Short Length	Count of dry, medium diameter, short length large woody debris
DRYSDLL	Dry Small Dia. Long Length	Count of dry, small diameter, long length large woody debris

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Row ID	Characteristic Name	Description
DRYSDML	Dry Small Dia. Medium Length	Count of dry, small diameter, medium length large woody debris
DRYSDSL	Dry Small Dia. Short Length	Count of dry, small diameter, short length large woody debris
DRYXDLL	Dry XLarge Dia. Long Length	Count of dry, X-large diameter, long length large woody debris
DRYXDML	Dry Xlarge Dia. Medium Length	Count of dry, X-large diameter, medium length large woody debris
DRYXDSL	Dry Xlarge Dia. Short Length	Count of dry, X-large diameter, short length large woody debris
WETLDLL	Wet Large Dia. Long Length	Count of wet, large diameter, long length large woody debris
WETLDML	Wet Large Dia. Medium Length	Count of wet, large diameter, medium length large woody debris
WETLDSL	Wet Large Dia. Short Length	Coutn of wet, large diameter, short length large woody debris
WETMDLL	Wet Medium Dia. Long Length	Count of wet, medium diameter, long length large woody debris
WETMDML	Wet Medium Dia. Medium Length	Count of wet, medium diameter, medium length large woody debris
WETMDSL	Wet Medium Dia. Short Length	Count of wet, medium diameter, short length large woody debris
WETSDDL	Wet Small Dia. Long Length	Count of wet, small diameter, long length large woody debris
WETSDML	Wet Small Dia. Medium Length	Count of wet, small diameter, medium length large woody debris
WETSDSL	Wet Small Dia. Short Length	Count of wet, small diameter, short length large woody debris
WETXDLL	Wet XLarge Dia. Long Length	Count of wet, X-large diameter, long length large woody debris
WETXDML	Wet XLarge Dia. Medium Length	Count of wet, X-Large diameter, medium length large woody debris
WETXDSL	Wet XLarge Dia. Short Length	Count of wet, X-Large diameter, short length large woody debris

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MESOSUB	Mesotransect Substrate Data	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
COM_FLDF	Results flag	Flag for results as defined by field personnel. No explanations provided with data.
SUB_5_7	Extra substrate station	5 or 7. See Wadeable Streams documentation on Substrate Measurement Procedures for an explanation of this result.
XSUBLCTR	Extra substrate class-LfCenter	Extra substrate class - left of center. See Wadeable Streams documentation on Substrate Measurement Procedures for an explanation of this result.
XSUBRCTR	Extra substrate class-RtCenter	Extra substrate class - right of center. See Wadeable Streams documentation on Substrate Measurement Procedures for

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Row ID	Characteristic Name	Description
		an explanation of this result.
XSUB_CTR	Extra substrate class - center	Extra substrate class - center. See Wadeable Streams documentation on Substrate Measurement Procedures for an explanation of this result.
XSUB_LFT	Extra substrate class - left	Extra substrate class - left. See Wadeable Streams documentation on Substrate Measurement Procedures for an explanation of this result.
XSUB_RGT	Extra substrate class - right	Extra substrate class - right. See Wadeable Streams documentation on Substrate Measurement Procedures for an explanation of this result.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MHTREE	Legacy tree metrics	Field Msr/Obs					Y
Row ID	Characteristic Name	Description					
LTFRACL	Legacy fraction >= large	Legacy fraction of reach trees >= large					
LTFRACM	Legacy fraction >= medium	Legacy fraction of reach trees >= medium					
LTFRACS	Legacy fraction >= small	Legacy fraction of reach trees >= small					
LTFRACX	Legacy fraction >= Xlarg	Legacy fraction of reach trees >= Xlarge					
LTMDDIST	Legacy mean dist of trees >= m	Legacy mean dist of trees >= median size					
LTMDDOM	Legacy dominant sp. >= median	Legacy dominant sp. >= median size					
LTMDDOMN	Legacy dominant sp. count						
LTMDSUB	Legacy subdominant sp. >= medi	Legacy subdominant sp. >= median size					
LTMDSUBN	Legacy subdominant sp. count	Legacy subdominant sp. count					
LTMXCNT	Legacy number of largest trees						
LTMXDBH	Legacy largest tree dbh						
LTMXDIST	Legacy largest tree distance						
LTMXHT	Legacy largest tree height						
LTMXSIZE	Legacy largest tree size class	Legacy largest tree size class (SMLX)					
LTMXSPP	Legacy largest tree species						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHABCOM	Field Comment Explanations	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
COM_FLD	Comments	Comments
COM_FLDF	Flag	Flag
COM_NO	Comments sorting seq	Comments sorting sequence numbe
COM_TYPE	Comment type	Comment type

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHABMET	Physical Habitat Metrics	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
AREASUM	Resid. Pool Vert Profile Area	Resid. Pool Vert Profile Area (m2/reach)
AREASUMC	Resid. Pool Vert Profile ar/ch	Resid. Pool Vert Profile Area (m2/chan.)
BFWD_RAT	Mean bankfull width/depth rat	Mean bankfull width/depth ratio (m/m)
BKA_Q1	Bank Angle-Lower Quartile	Bank Angle-Lower Quartile (degrees)
BKA_Q3	Bank Angle-Upper Quartile	Bank Angle-Upper Quartile (degrees)
BKUN_Q1	Undercut Distance-Lower Quart	Undercut Distance-Lower Quartile (m)
BKUN_Q3	Undercut Distance-Upper Quart	Undercut Distance-Upper Quartile (m)
C1D	LWD above Bkf channel	LWD above Bkf channel (#/rch-all sizes)
C1DM100	LWD above Bkf chnl	LWD above Bkf chnl (#/100m-all sizes)
C1T	LWD in/over Bkf channel	LWD in/over Bkf channel(#/rch-all sizes)
C1TM100	LWD in/above Bkfl chan	LWD in/above Bkfl chan(#/100m-all sizes)
C1W	LWD in Bankfull channel	LWD in Bankfull channel(#/rch-all sizes)
C1WM100	LWD in Bkf chnl	LWD in Bkf chnl (#/100m-all sizes)
C1W_MSQ	LWD in Bkf chnl m2	LWD in Bkf chnl (#/m2-all sizes)
C2D	LWD above Bkf channel C2D	LWD above Bkf channel (#/rch-S,M,L,X)
C2DM100	LWD above Bkf chnl C2DM100	LWD above Bkf chnl (#/100m-S,M,L,X)

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Row ID	Characteristic Name	Description
C2T	LWD in/over Bkf channel C2T	LWD in/over Bkf channel (#/rch-S,M,L,X)
C2TM100	LWD in/above Bkfl cha C2TM100	LWD in/above Bkfl chan (#/100m-S,M,L,X)
C2W	LWD in Bankfull channel C2W	LWD in Bankfull channel (#/rch-S,M,L,X)
C2WM100	LWD in Bkf chnl C2WM100	LWD in Bkf chnl (#/100m-S,M,L,X)
C2W_MSQ	LWD in Bkf chnl C2W_MSQ	LWD in Bkf chnl (#/m2-S,M,L,X)
C3D	LWD above Bkf channel C3D	LWD above Bkf channel (#/rch-M,L,X)
C3DM100	LWD above Bkf chnl C3DM100	LWD above Bkf chnl (#/100m-M,L,X)
C3T	LWD in/over Bkf channel C3T	LWD in/over Bkf channel (#/rch-M,L,X)
C3TM100	LWD in/above Bkfl chan C3TM100	LWD in/above Bkfl chan (#/100m-M,L,X)
C3W	LWD in Bankfull channel C3W	LWD in Bankfull channel (#/rch-M,L,X)
C3WM100	LWD in Bkf chnl C3WM100	LWD in Bkf chnl (#/100m-M,L,X)
C3W_MSQ	LWD in Bkf chnl C3W_MSQ	LWD in Bkf chnl (#/m2-M,L,X)
C4D	LWD above Bkf channel C4D	LWD above Bkf channel (#/rch-L,X)
C4DM100	LWD above Bkf chnl C4DM100	LWD above Bkf chnl (#/100m-L,X)
C4T	LWD in/over Bkf channel C4T	LWD in/over Bkf channel (#/rch-L,X)
C4TM100	LWD in/above Bkfl chan C4TM100	LWD in/above Bkfl chan (#/100m-L,X)
C4W	LWD in Bankfull channel C4W	LWD in Bankfull channel (#/rch-L,X)
C4WM100	LWD in Bkf chnl C4WM100	LWD in Bkf chnl (#/100m-L,X)
C4W_MSQ	LWD in Bkf chnl C4W_MSQ	LWD in Bkf chnl (#/m2-L,X)
C5D	LWD above Bkf channel C5D	LWD above Bkf channel (#/rch-X)
C5DM100	LWD above Bkf chnl C5DM100	LWD above Bkf chnl (#/100m-X)
C5T	LWD in/over Bkf channel C5T	LWD in/over Bkf channel (#/rch-X)
C5TM100	LWD in/above Bkfl chan C5TM100	LWD in/above Bkfl chan (#/100m-X)
C5W	LWD in Bankfull channel C5W	LWD in Bankfull channel (#/rch-X)
C5WM100	LWD in Bkf chnl C5WM100	LWD in Bkf chnl (#/100m-X)
C5W_MSQ	LWD in Bkf chnl C5W_MSQ	LWD in Bkf chnl (#/m2-X)
CROWS_D	Straight line valley length	Straight line valley length of reach (m)

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Row ID	Characteristic Name	Description
FISH_D	Reach Length fish	Reach Length (m) -- as the fish swims
INTERVAL	Dist. betw. Thalweg measuremnt	Dist. betw. Thalweg measurements (m)
INTQBKA	Bank Angle-interquartile range	Bank Angle-interquartile range (degrees)
INTQBKUN	Undercut Distance- interquart	Undercut Distance- interquart range, (m)
LDMB_BW4	Log10[Erodible Substr Dia.	Log10[Erodible Substr Dia.(mm)]-old #2
LDMB_BW5	Log10[Erodible Substr Dia. est	Log10[Erodible Substr Dia.(mm)]-Est. 2
LGDIATOT	Count/reach all small dia lwd	Count/reach all small dia lwd
LGDRYDIA	Count/reach all dry large dia	Count/reach all dry large dia lwd
LGDRYLEN	LGDRYLEN	Count/reach all dry long len lwd
LGLENTOT	Count/reach all long len lwd	Count/reach all long len lwd
LGWETDIA	Count/reach all wet large dia	Count/reach all wet large dia lwd
LGWETLEN	Count/reach all wet long len	Count/reach all wet long len lwd
LOCMETHOD	Channel location method	Channel location method (GPS/ANALOG)
LRBS_BW4	Log10[Relative Bed Stability]	Log10[Relative Bed Stability] - old #2
LRBS_BW5	Log10[Relative Bed Stab est	Log10[Relative Bed Stability] - Est. 2
LRBS_BW6	Log10[Erod. sub. dia.]- Est. 2	Log10[Erod. sub. dia.]- Est. 2, split BL
LRBS_TST	Log10[Relative Bed Stab fast	Log10[Relative Bed Stability] - Fast est
LSUB2D16	16.0000 percentile, log2dmm	the 16.0000 percentile, log2dmm
LSUB2D25	Lower quartile, log2dmm	the lower quartile, log2dmm
LSUB2D50	Median, log2dmm	the median, log2dmm
LSUB2D75	Upper quartile, log2dmm	the upper quartile, log2dmm
LSUB2D84	84.0000 percentile, log2d	the 84.0000 percentile, log2dmm
LSUB2DMM	Mean, log2dmm	the mean, log2dmm
LSUB2IQR	Interquartile range	the interquartile range, log2dmm
LSUBD2SD	Standard deviation, log2dmm	the standard deviation, log2dmm
LSUBD_SD	Substrate-StDev LOG10	Substrate-StDev LOG10(Diam Class mm)
LSUB_D16	Substrate-D16 LOG10	Substrate-D16 LOG10(Diam Class mm)

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Row ID	Characteristic Name	Description
LSUB_D25	Substrate-D25 LOG10	Substrate-D25 LOG10(Diam Class mm)
LSUB_D50	Substrate-Median LOG10	Substrate-Median LOG10(Diam Class mm)
LSUB_D75	Substrate-D75 LOG10	Substrate-D75 LOG10(Diam Class mm)
LSUB_D84	Substrate-D84 LOG10	Substrate-D84 LOG10(Diam Class mm)
LSUB_DMM	Substrate-Mean Log10	Substrate-Mean Log10(Diam Class mm)
LSUB_IQR	Substrate-IntQt Rng LOG10	Substrate-IntQt Rng LOG10(Diam class mm)
LTEST	Log10[Erodible Substr Dia.(mm)	Log10[Erodible Substr Dia.(mm)]-Fast est
LWDDV33	Volume/reach (Robison 1998)	Volume/reach (Robison 1998) of dry lwd
LWDDVCAL	Volume/reach (other) of dry	Volume/reach (other) of dry lwd
LWDTV33	Volume/reach all lwd	Volume/reach (Robison 1998) of all lwd
LWDTVCAL	Volume/reach (other) of lwd	Volume/reach (other) of all lwd
LWDWV33	Volume/reach wet lwd	Volume/reach (Robison 1998) of wet lwd
LWDWVCAL	Volume/reach (other) wet lwd	Volume/reach (other) of wet lwd
MDDIATOT	Count/reach all MDDIATOT	Count/reach all small dia lwd
MDDRYDIA	Count/reach all dry medium dia	Count/reach all dry medium dia lwd
MDDRYLEN	Count/reach all dry medium len	Count/reach all dry medium len lwd
MDLENTOT	Count/reach all medium len lwd	Count/reach all medium len lwd
MDWETDIA	Count/reach all wet medium dia	Count/reach all wet medium dia lwd
MDWETLEN	Count/reach all wet medium len	Count/reach all wet medium len lwd
MEDBKUN	Undercut Distance--Median (m)	Undercut Distance--Median (m)
MEDBK_A	Bank Angle--Median (degrees)	Bank Angle--Median (degrees)
N	Num of obs. of substrate SIZE	Number of obs. of substrate SIZE_CLS
N33	Number of observations in XEMB	number of observations in XEMBED
N55	Number of observations in XCEM	number of observations in XCSEMBED
NBNK	Number of Bank Obs-Densiometer	Number of Bank Obs-Densiometer
NC	Number of nonmissing wet obs	number of nonmissing wet obs
NMID	Number of Mid-channel Obs-Dens	Number of Mid-channel Obs-Densiometer

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Row ID	Characteristic Name	Description
NRP	Number of residual pools	Number of residual pools in reach
NS	Number of nonmissing dry obs	number of nonmissing dry obs
NSLP	# of values used to calc mean	# of values used to calc mean slope
N_BA	Number of observations--Bank A	Number of observations--Bank Angle
N_BFRAT	Number of nonmissing values, b	number of nonmissing values, bf_rat
N_BH	No observations-Bankfull Heigh	no observations-Bankfull Height
N_BW	No observations--Bankfull Widt	no observations--Bankfull Width
N_D	Number of obs -- Thalweg Depth	Number of obs -- Thalweg Depth
N_INCIS	No of observations-Chan Incisi	no of observations-Chan Incision Ht.(m)
N_UN	Number of observations--Underc	Number of observations--Undercut dist.
N_W	Number of obs -- Wetted Width	Number of obs -- Wetted Width
N_WD	Number of obs -- W*D Product	Number of obs -- W*D Product
N_WDR	Number of obs -- W/D Ratio	Number of obs -- W/D Ratio
N_XTOT	Number of X/east dists sinuous	Number of X/east dists for sinuosity
N_YTOT	Number of Y/north dists sinuos	Number of Y/north dists for sinuosity
PCAN_C	Riparian Canopy Coniferous	Riparian Canopy Coniferous (Fract reach)
PCAN_D	Riparian Canopy Deciduous	Riparian Canopy Deciduous (Fract. reach)
PCAN_E	Rip Canopy Broadlf evgrn	Rip Canopy Broadlf evgrn (Fract of rch)
PCAN_M	Rip Canopy Mix Conif-Decid	Rip Canopy Mix Conif-Decid (Fract reach)
PCAN_N	Rip Canopy Absent	Rip Canopy Absent (Fraction of reach)
PCTCHARP	% of chan. length that forms	% of chan. length that forms resid pools
PCTCHASD	% of chan. length with sedimen	% of chan. length with sediments present
PCTDSED	% of pool tail length with sed	% of pool tail length with sed.
PCTPSED	Pool Sediment(<16mm) Pres.	Pool Sediment(<16mm) Pres. (%len of RPs)
PCTRCHRP	Resid. pool length proportion	Resid. pool length proportion (%of rch)
PCTRSED	Thal. Sedmt. (<16mm) Pres.	Thal. Sedmt. (<16mm) Pres.(%len of Thal)
PCTUSED	% of pool head length with sed	% of pool head length with sediment

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Row ID	Characteristic Name	Description
PCT_BDRK	Substrate Bedrock (%)	Substrate Bedrock (%)
PCT_BIGR	Substrate >= Coarse Gravel	Substrate >= Coarse Gravel (>16 mm) (%)
PCT_BL	Substrate Boulders	Substrate Boulders -- 250-4000 mm (%)
PCT_CA	Cascade (% of reach)	Cascade (% of reach)
PCT_CB	Substrate Cobbles -- 64-250 mm	Substrate Cobbles -- 64-250 mm (%)
PCT_DR	Dry channel (% of reach)	Dry channel (% of reach)
PCT_DRS	Dry Channel or Subsurf Flow (%)	Dry Channel or Subsurf Flow (%)
PCT_FA	Falls (% of reach)	Falls (% of reach)
PCT_FAST	Fast Wtr Hab (% riffle & faste	Fast Wtr Hab (% riffle & faster)
PCT_FN	Substrate Fines Silt/Clay/Muck	Substrate Fines -- Silt/Clay/Muck (%)
PCT_GC	Substrate Coarse Gravel	Substrate Coarse Gravel -- 16-64 mm (%)
PCT_GF	Substrate Fine Gravel	Substrate Fine Gravel -- 2-16 mm (%)
PCT_GL	Glide (% of reach)	Glide (% of reach)
PCT_HP	Substrate Hardpan -- (%)	Substrate Hardpan -- (%)
PCT_OM	Substrate Organic Detritus	Substrate Organic Detritus -- (%)
PCT_ORG	Substrate Wood or Detritus	Substrate Wood or Detritus -- (%)
PCT_OT	Substrate Miscellaneous -- (%)	Substrate Miscellaneous -- (%)
PCT_P	Pool--Type not noted	Pool--Type not noted (% of reach)
PCT_PB	Backwater Pool (% of reach len	Backwater Pool (% of reach length)
PCT_PD	Impoundment Pool (% of reach)	Impoundment Pool (% of reach)
PCT_PL	Lateral Scour Pool (% of reach	Lateral Scour Pool (% of reach)
PCT_POOL	Pools -- All Types (% of reach	Pools -- All Types (% of reach)
PCT_PP	Plunge Pool (% of reach)	Plunge Pool (% of reach)
PCT_PT	Trench Pool (% of reach)	Trench Pool (% of reach)
PCT_RA	Rapids (% of reach)	Rapids (% of reach)
PCT_RC	Substrate Concrete (%)	Substrate Concrete (%)
PCT_RI	Riffle (% of reach)	Riffle (% of reach)

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Row ID	Characteristic Name	Description
PCT_RR	Substrate Rough Bedrock (%)	Substrate Rough Bedrock (%)
PCT_RS	Substrate Smooth Bedrock (%)	Substrate Smooth Bedrock (%)
PCT_SA	Substrate Sand -- .06-2 mm (%)	Substrate Sand -- .06-2 mm (%)
PCT_SAFN	Substrate Sand & Fines	Substrate Sand & Fines -- <2 mm (%)
PCT_SB	Substrate Boulders 250-1000	Substrate Boulders -- 250-1000 mm (%)
PCT_SFGF	Substrate <= Fine Gravel	Substrate <= Fine Gravel (<=16 mm) (%)
PCT_SIDE	Side channel presence	Side channel presence (% of reach)
PCT_SLOW	Slow Wtr Hab (% Glide & Pool)	Slow Wtr Hab (% Glide & Pool)
PCT_SUB	Subsurface Flow (% of reach)	Subsurface Flow (% of reach)
PCT_WD	Substrate Woody -- (%)	Substrate Woody -- (%)
PCT_XB	Substrate Boulders 1000-4000	Substrate Boulders -- 1000-4000 mm (%)
PFC_ALG	Filamentous Algae Presence	Filamentous Algae Presence (% Rch)
PFC_ALL	Any Types Fsh Cvr Present	Any Types Fsh Cvr Present (% Rch)
PFC_AQM	Aq. Macrophytes Presence	Aq. Macrophytes Presence (% Rch)
PFC_BIG	LWD,RCK,OHB or HUM Fsh Cvr	LWD,RCK,OHB or HUM Fsh Cvr Pres (% Rch)
PFC_BRS	Brush & Small Debris Prsnce	Brush & Small Debris Prsnce (% Rch)
PFC_HUM	Artif. Structs. Presence	Artif. Structs. Presence (% Rch)
PFC_LWD	LWD Presence (% Rch)	LWD Presence (% Rch)
PFC_NAT	Any Natural Fish Cover Present	Any Natural Fish Cover Present (% Rch)
PFC_OHV	Overhang. Veg. Presence (% Rch)	Overhang. Veg. Presence (% Rch)
PFC_RCK	Boulders Presence (% Rch)	Boulders Presence (% Rch)
PFC_UCB	Undercut Bank Presence (% Rch)	Undercut Bank Presence (% Rch)
PMID_C	Rip MidLayer Coniferous (Fract	Rip MidLayer Coniferous (Fraction reach)
PMID_D	Rip MidLayer Deciduous (Fracti	Rip MidLayer Deciduous (Fraction reach)
PMID_E	Rip MidLayer broadlf evgrn (F	Rip MidLayer broadlf evgrn (Frac reach)
PMID_M	Rip MidLayer Mix Con-Decid (Fr	Rip MidLayer Mix Con-Decid (Fract reach)
PMID_N	Rip MidLayer Absent	Rip MidLayer Absent (Fraction of reach)

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Row ID	Characteristic Name	Description
RCHDLDLL	Count/reach dry large dia long	Count/reach dry large dia long len lwd
RCHDLDML	Count/reach dry large dia medi	Count/reach dry large dia medium len lwd
RCHDLDSL	Count/reach dry large dia shor	Count/reach dry large dia short len lwd
RCHDMDLL	Count/reach dry medium dia lon	Count/reach dry medium dia long len lwd
RCHDMDML	Count/reach dry medium dia med	Count/reach dry medium dia med. len lwd
RCHDMDSL	Count/reach dry medium dia sho	Count/reach dry medium dia short len lwd
RCHDRYT	Count/reach all dry size class	Count/reach all dry size classes
RCHDSDLL	Count/reach dry small dia long	Count/reach dry small dia long len lwd
RCHDSMML	Count/reach dry small dia medi	Count/reach dry small dia medium len lwd
RCHSDDSL	Count/reach dry small dia shor	Count/reach dry small dia short len lwd
RCHDXDLL	Count/reach dry xlarge dia lon	Count/reach dry xlarge dia long len lwd
RCHDXDML	Count/reach dry xlarge dia med	Count/reach dry xlarge dia med. len lwd
RCHDXDSL	Count/reach dry xlarge dia sho	Count/reach dry xlarge dia short len lwd
RCHTLDLL	Count/reach tot large dia long	Count/reach tot large dia long len lwd
RCHTLDML	Count/reach tot large dia medi	Count/reach tot large dia medium len lwd
RCHTLDSL	Count/reach tot large dia shor	Count/reach tot large dia short len lwd
RCHTMDLL	Count/reach tot medium dia lon	Count/reach tot medium dia long len lwd
RCHTMDML	Count/reach tot medium dia med	Count/reach tot medium dia med len lwd
RCHTMDSL	Count/reach tot medium dia sho	Count/reach tot medium dia short len lwd
RCHTSDLL	Count/reach tot small dia long	Count/reach tot small dia long len lwd
RCHTSDML	Count/reach tot small dia medi	Count/reach tot small dia medium len lwd
RCHTSDSL	Count/reach tot small dia shor	Count/reach tot small dia short len lwd
RCHTXDLL	Count/reach tot xlarge dia lon	Count/reach tot xlarge dia long len lwd
RCHTXDML	Count/reach tot xlarge dia med	Count/reach tot xlarge dia med len lwd
RCHTXDSL	Count/reach tot xlarge dia sho	Count/reach tot xlarge dia short len lwd
RCHWDT	Count/reach all wood	Count/reach all wood
RCHWETT	Count/reach all wet size class	Count/reach all wet size classes

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Row ID	Characteristic Name	Description
RCHWLDLL	Count/reach wet large dia long	Count/reach wet large dia long len lwd
RCHWLDML	Count/reach wet large dia medi	Count/reach wet large dia medium len lwd
RCHWLDSL	Count/reach wet large dia shor	Count/reach wet large dia short len lwd
RCHWMDLL	Count/reach wet medium dia lon	Count/reach wet medium dia long len lwd
RCHWMDML	Count/reach wet medium dia med	Count/reach wet medium dia med. len lwd
RCHWMDSL	Count/reach wet medium dia sho	Count/reach wet medium dia short len lwd
RCHWSDLL	Count/reach wet small dia long	Count/reach wet small dia long len lwd
RCHWSDML	Count/reach wet small dia medi	Count/reach wet small dia medium len lwd
RCHWSDSL	Count/reach wet small dia shor	Count/reach wet small dia short len lwd
RCHWXDLL	Count/reach wet xlarge dia lon	Count/reach wet xlarge dia long len lwd
RCHWXDML	Count/reach wet xlarge dia med	Count/reach wet xlarge dia med. len lwd
RCHWXDSL	Count/reach wet xlarge dia sho	Count/reach wet xlarge dia short len lwd
REACHLEN	Length of sample reach (m)	Length of sample reach (m)
RP100	Mean Residual Depth (m ² /100m)	Mean Residual Depth (m ² /100m)
RP100C	Mean resid area per 100 m of c	Mean resid area per 100 m of chan.
RPGT100	Resid Pools >100cm deep	Resid Pools >100cm deep (number/reach)
RPGT50	Resid Pools >50cm deep	Resid Pools >50cm deep (number/reach)
RPGT75	Resid Pools >75cm deep	Resid Pools >75cm deep (number/reach)
RPMXAR	Max. RP profile area in rch	Max. RP profile area in rch (m ² /pool)
RPMXDEP	Maximum residual depth	Maximum residual depth in reach (cm)
RPMXLEN	Max. resid pool length	Max. resid pool length in reach (m/pool)
RPMXVOL	Max volume of any pool	Max volume of any pool in reach (m ³)
RPMXWID	Max resid width of any pool	Max resid width of any pool in reach (m)
RPV100C	Residual volume	Residual volume (m ³ /100m channel)
RPV100R	Residual Pool Volume	Residual Pool Volume (m ³ /100m reach)
RPVAREA	StdDev profile area of RPs	StdDev profile area of RPs (m ² /pool)
RPVDEP	StdDev of residual pool depths	StdDev of residual pool depths (cm)

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Row ID	Characteristic Name	Description
RPVLEN	StdDev length of resid pools	StdDev length of resid pools (m/pool)
RPXAREA	Mean vert. profile area of RPs	Mean vert. profile area of RPs (m2/pool)
RPXDEP	Mean RP depth in reach	Mean RP depth in reach (cm/pool)
RPXLEN	Mean length of resid pools	Mean length of resid pools (m/pool)
RPXVOL	Mean resid pool volume	Mean resid pool volume (m ³ /pool)
RPXWID	Mean resid width of reach (m)	Mean resid width of reach (m)
SAMPLED	Sample status (PHab)	Sample status (PHab)
SDBKF_H	Bankfull Height-Std. Dev. (m)	Bankfull Height-Std. Dev. (m)
SDBKF_W	Bankfull Width--Std. Dev. (m)	Bankfull Width--Std. Dev. (m)
SDBK_A	Bank Angle--Std. Dev.	Bank Angle--Std. Dev. (degrees)
SDDEPTH	Std Dev of Thalweg Depth (cm)	Std Dev of Thalweg Depth (cm)
SDINC_H	Channel Incision Ht.-Std. Dev.	Channel Incision Ht.-Std. Dev. (m)
SDUN	Undercut Distance--Std. Dev.	Undercut Distance--Std. Dev. (m)
SDWD_RAT	Std Dev of Width/Depth Ratio	Std Dev of Width/Depth Ratio (m/m)
SDWIDTH	Std Dev of Wetted Width (m)	Std Dev of Wetted Width (m)
SDWXD	Std Dev of Width*Depth Product	Std Dev of Width*Depth Product (m2)
SEGMENTS	No separate portions side chan	Number of separate portions in side chan
SHDRYLEN	Count/reach all dry short len	Count/reach all dry short len lwd
SHLENTOT	Count/reach all short len lwd	Count/reach all short len lwd
SHWETLEN	Count/reach all wet short len	Count/reach all wet short len lwd
SIDECNT	Side chan presence flag	side chan presence flag, -1 if removed
SINU	Channel Sinuosity (m/m)	Channel Sinuosity (m/m)
SMDIATOT	Count/reach SMDIATOT	Count/reach all small dia lwd
SMDRYDIA	Count/reach all dry small dia	Count/reach all dry small dia lwd
SMWETDIA	Count/reach all wet small dia	Count/reach all wet small dia lwd
S_LDMB_BW5	S_LDMB_BW5	
S_LRBS_BW5	Est. lrbs_bw5 using s_rp100	Est. lrbs_bw5 using s_rp100

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Row ID	Characteristic Name	Description
S_LRBS_BW6	Est. lrbs_bw6 using s_rp100	Est. lrbs_bw6 using s_rp100
S_RP100	Est. rp100 from sddepth & xslo	Est. rp100 from sddepth and xslope
TOTCHLEN	Total length of channel	Total length of channel, main + side (m)
TOTDPLEN	Sum of pool tail lengths	Sum of pool tail lengths (m/reach)
TOTDPSDL	Sum pool tail lengths with sed	Sum pool tail lengths with sed.(m/reach)
TOTEAST	Net east-west travel of reach	net east-west travel of reach
TOTNORTH	Net north-south travel of reac	net north-south travel of reach
TOTPLEN	Total resid pool length	Total resid pool length (m/reach)
TOTPLENC	Total resid pool length (m/cha	Total resid pool length (m/chan.)
TOTPVOL	Total resid pool volume (m ³ /r	Total resid pool volume (m ³ /reach)
TOTPVOLC	Total resid pool volume (m ³ /c	Total resid pool volume (m ³ /chan.)
TOTSDLEN	Total RP length with sediment	Total RP length with sediment (m/reach)
TOTSDLNC	Total RP length with sed m/ch	Total RP length with sediment (m/chan.)
TOTUPLEN	Sum of pool head lengths	Sum of pool head lengths (m/reach)
TOTUPSDL	Sum pool head lengths with sed	Sum pool head lengths with sed.(m/reach)
TRANSPC	Mean dist. b/t Transects (m)	Mean distance between transects (m)
V1D	LWD vol above Bkf chnl	LWD vol above Bkf chnl(m3/rch-all sizes)
V1DM100	LWD Vol above Bkf chnl	LWD Vol above Bkf chnl(m3/100m-all size)
V1T	LWD vol in/abv Bkf chnl	LWD vol in/abv Bkf chnl(m3/rch-all size)
V1TM100	LWD Vol in/abv Bf chan	LWD Vol in/abv Bf chan(#/100m-all sizes)
V1W	LWD vol in Bkf chnl	LWD vol in Bkf chnl (m3/rch-all sizes)
V1WM100	LWD Vol in Bkf chnl	LWD Vol in Bkf chnl (m3/100m-all sizes)
V1W_MSQ	LWD Vol in Bkf chnl V1W_MSQ	LWD Vol in Bkf chnl (m3/m2-all sizes)
V2D	LWD vol above Bkf chnl V2D	LWD vol above Bkf chnl (m3/rch-S,M,L,X)
V2DM100	LWD Vol above Bkf chnl m3/100m	LWD Vol above Bkf chnl (m3/100m-S,M,L,X)
V2T	LWD vol in/abv Bkf chnl (m3/rc	LWD vol in/abv Bkf chnl (m3/rch-S,M,L,X)
V2TM100	LWD Vol in/abv Bf chan #/100m	LWD Vol in/abv Bf chan (#/100m-S,M,L,X)

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Row ID	Characteristic Name	Description
V2W	LWD vol in Bkf chnl m3/rch	LWD vol in Bkf chnl (m3/rch-S,M,L,X)
V2WM100	LWD Vol in Bkf chnl (m3/100m	LWD Vol in Bkf chnl (m3/100m-S,M,L,X)
V2W_MSQ	LWD Vol in Bkf chnl (m3/m2	LWD Vol in Bkf chnl (m3/m2-S,M,L,X)
V3D	LWD vol above Bkf chnl (m3/rch	LWD vol above Bkf chnl (m3/rch-M,L,X)
V3DM100	LWD Vol above Bkf chnl V3DM100	LWD Vol above Bkf chnl (m3/100m-M,L,X)
V3T	LWD vol in/abv Bkf chnl V3T	LWD vol in/abv Bkf chnl (m3/rch-M,L,X)
V3TM100	LWD Vol in/abv Bf chan V3TM100	LWD Vol in/abv Bf chan (#/100m-M,L,X)
V3W	LWD vol in Bkf chnl (m3/rch-M,	LWD vol in Bkf chnl (m3/rch-M,L,X)
V3WM100	LWD Vol in Bkf chnl (m3/100m-M	LWD Vol in Bkf chnl (m3/100m-M,L,X)
V3W_MSQ	LWD Vol in Bkf chnl (m3/m2-M,L	LWD Vol in Bkf chnl (m3/m2-M,L,X)
V4D	LWD vol above Bkf chnl V4D	LWD vol above Bkf chnl (m3/rch-L,X)
V4DM100	LWD Vol above Bkf chnl V4DM100	LWD Vol above Bkf chnl (m3/100m-L,X)
V4T	LWD vol in/abv Bkf chnl V4T	LWD vol in/abv Bkf chnl (m3/rch-L,X)
V4TM100	LWD Vol in/abv Bf chan V4TM100	LWD Vol in/abv Bf chan (#/100m-L,X)
V4W	LWD vol in Bkf chnl V4W	LWD vol in Bkf chnl (m3/rch-L,X)
V4WM100	LWD Vol in Bkf chnl V4WM100	LWD Vol in Bkf chnl (m3/100m-L,X)
V4W_MSQ	LWD Vol in Bkf chnl (m3/m2-L,X	LWD Vol in Bkf chnl (m3/m2-L,X)
V5D	LWD vol above Bkf chnl V5D	LWD vol above Bkf chnl (m3/rch-X)
V5DM100	LWD Vol above Bkf chnl V5DM100	LWD Vol above Bkf chnl (m3/100m-X)
V5T	LWD vol in/abv Bkf chnl V5T	LWD vol in/abv Bkf chnl (m3/rch-X)
V5TM100	LWD Vol in/abv Bf chan V5TM100	LWD Vol in/abv Bf chan (#/100m-X)
V5W	LWD vol in Bkf chnl (m3/rch-X)	LWD vol in Bkf chnl (m3/rch-X)
V5WM100	LWD Vol in Bkf chnl (m3/100m-X	LWD Vol in Bkf chnl (m3/100m-X)
V5W_MSQ	LWD Vol in Bkf chnl (m3/m2-X)	LWD Vol in Bkf chnl (m3/m2-X)
VCDENBK	Std. Dev. Bank Canopy Density	Std. Dev. Bank Canopy Density (%)
VCDENMID	Std. Dev. Mid-channel Canopy D	Std. Dev. Mid-channel Canopy Density (%)
VCEMBED	SD Embeddedness--Channel only	SD Embeddedness--Channel only (%)

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Row ID	Characteristic Name	Description
VEMBED	SD Embeddedness--Channel+Margi	SD Embeddedness--Channel+Margin (%)
VISIT_NO	Number identifying which visit	Number identifying which visit this is
VSLOPE	Std Dev of Channel % Slope	Std Dev of Channel % Slope
W1H_BLDG	Rip Dist--Buildings	Rip Dist--Buildings (ProxWt Pres)
W1H_CROP	Rip Dist--Row Crop	Rip Dist--Row Crop (ProxWt Pres)
W1H_LDFL	Rip Dist--Trash/Landfill	Rip Dist--Trash/Landfill (ProxWt Pres)
W1H_LOG	Rip Dist--Logging Activity	Rip Dist--Logging Activity (ProxWt Pres)
W1H_MINE	Rip Dist--Mining Activity	Rip Dist--Mining Activity (ProxWt Pres)
W1H_PARK	Rip Dist--Lawn/Park	Rip Dist--Lawn/Park (ProxWt Pres)
W1H_PIPE	Rip Dist--Pipes infl/effl	Rip Dist--Pipes infl/effl (ProxWt Pres)
W1H_PSTR	Rip Dist--Pasture/Hayfield	Rip Dist--Pasture/Hayfield (ProxWt Pres)
W1H_PVMT	Rip Dist--Pavement	Rip Dist--Pavement (ProxWt Pres)
W1H_ROAD	Rip Dist--Road/Railroad	Rip Dist--Road/Railroad (ProxWt Pres)
W1H_WALL	Rip Dist--Wall/Bank Revet.	Rip Dist--Wall/Bank Revet. (ProxWt Pres)
W1_HAG	Rip Dist--Sum Agric Types	Rip Dist--Sum Agric Types (ProxWt Pres)
W1_HALL	Rip Dist--Sum All Types	Rip Dist--Sum All Types (ProxWt Pres)
W1_HNOAG	Rip Dist--Sum NonAg Types	Rip Dist--Sum NonAg Types (ProxWt Pres)
XBEARING	Mean Flow Direction of reach	Mean Flow Direction of reach (degrees)
XBKA	Bank Angle--mean (degrees)	Bank Angle--mean (degrees)
XBKF_H	Bankfull Height-Mean (m)	Bankfull Height-Mean (m)
XBKF_W	Bankfull Width--Mean (m)	Bankfull Width--Mean (m)
XB_HAG	Rip Dist-Sum Ag Types instrm	Rip Dist-Sum Ag Types instrm & in plot
XB_HALL	Rip Dist--Sum All Types instrm	Rip Dist--Sum All Types instrm & on bank
XB_HNOAG	Rip Dist Sum-Non ag Types inst	Rip Dist Sum-Non ag Types instrm & Plot
XC	Riparian Veg Canopy Cover	Riparian Veg Canopy Cover
XCB_HAG	Rip Dist Sum-Ag Types instrm	Rip Dist Sum-Ag Types instrm & on Bank

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Row ID	Characteristic Name	Description
XCB_HALL	Rip Dist--Sum All XCB_HALL	Rip Dist--Sum All Types instrm & in plot
XCB_HNAG	Rip Dist Sum-Non Ag Types inst	Rip Dist Sum-Non Ag Types instrm & Bank
XCDENBK	Mean Bank Canopy Density (%)	Mean Bank Canopy Density (%)
XCDENMID	Mean Mid-channel Canopy Densit	Mean Mid-channel Canopy Density (%)
XCEMBED	Mean Embeddedness--Channel	Mean Embeddedness--Channel only (%)
XCL	Riparian Canopy > 0.3m DBH	Riparian Canopy > 0.3m DBH (Cover)
XCM	Rip Veg Canopy+Mid Layer Cover	Rip Veg Canopy+Mid Layer Cover
XCMG	Rip Veg Canopy+Mid+Ground Cov	Rip Veg Canopy+Mid+Ground Cover
XCMGW	Rip Veg Canopy+Mid+Ground Wood	Rip Veg Canopy+Mid+Ground Woody Cover
XCMW	Rip Veg Canopy+Mid Layer Woody	Rip Veg Canopy+Mid Layer Woody Cover
XCS	Riparian Canopy <= 0.3m DBH	Riparian Canopy <= 0.3m DBH (Cover)
XC_HAG	Rip Dist-Sum of Ag Types	Rip Dist-Sum of Ag Types in Ripar Plot
XC_HALL	Rip Dist--Sum All Type XC_HALL	Rip Dist--Sum All Types in Ripar Plots
XC_HNOAG	Rip Dist Sum-Non Ag XXC_HNOAG	Rip Dist Sum-Non Ag Types in Ripar Plot
XDEPTH	Thalweg Mean Depth (cm)	Thalweg Mean Depth (cm)
XEMBED	Mean Embeddedness- Channel+Marg	Mean Embeddedness--Channel+Margin (%)
XFC_ALG	Fish Cvr-Filamentous Algae	Fish Cvr-Filamentous Algae (Areal Prop)
XFC_ALL	Fish Cvr-All Types	Fish Cvr-All Types (Sum Areal Prop)
XFC_AQM	Fish Cvr-Aq. Macrophytes	Fish Cvr-Aq. Macrophytes (Areal Prop)
XFC_BIG	Fish Cvr-LWD,RCK,UCBorHUM	Fish Cvr-LWD,RCK,UCBorHUM(Sum Area Prop)
XFC_BRS	Fish Cvr-Brush&Small Debris	Fish Cvr-Brush&Small Debris (Areal Prop)
XFC_HUM	Fish Cvr-Artif. Structs.	Fish Cvr-Artif. Structs. (Areal Prop)
XFC_LWD	Fish Cvr-Large Woody Debris	Fish Cvr-Large Woody Debris (Areal Prop)
XFC_NAT	Fish Cvr-Natural Types	Fish Cvr-Natural Types (Sum Areal Prop)
XFC_OHV	Fish Cvr-Overhang Veg	Fish Cvr-Overhang Veg (Areal Prop)

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Row ID	Characteristic Name	Description
XFC_RCK	Fish Cvr-Boulders (Areal Prop)	Fish Cvr-Boulders (Areal Prop)
XFC_UCB	Fish Cvr-Undercut Banks	Fish Cvr-Undercut Banks (Areal Prop)
XF_HAG	Rip Dist Sum-Ag Types Beyond R	Rip Dist Sum-Ag Types Beyond Ripar Plot
XF_HALL	Rip Dist--Sum All Types beyond	Rip Dist--Sum All Types beyond Rip Plots
XF_HNOAG	Rip Dist Sum-Non Ag Types	Rip Dist Sum-Non Ag Types Beyond Rip Plt
XG	Riparian Veg Ground Layer Cov	Riparian Veg Ground Layer Cover
XGB	Rip Ground Layer Barren (Cover	Rip Ground Layer Barren (Cover)
XGH	Rip Ground Layer Herbaceous	Rip Ground Layer Herbaceous (Cover)
XGW	Rip Ground Layer Woody (Cover)	Rip Ground Layer Woody (Cover)
XINC_H	Channel Incision Ht.-Mean (m)	Channel Incision Ht.-Mean (m)
XLDIATOT	Count/reach all small XLDIATOT	Count/reach all small dia lwd
XLDRYDIA	Count/reach all dry xlarge dia	Count/reach all dry xlarge dia lwd
XLWETDIA	Count/reach all wet xlarge dia	Count/reach all wet xlarge dia lwd
XM	Riparian Veg Mid Layer Cover	Riparian Veg Mid Layer Cover
XMH	Rip Mid Layer Herbaceous (Cove	Rip Mid Layer Herbaceous (Cover)
XMW	Rip Mid Layer Woody (Cover)	Rip Mid Layer Woody (Cover)
XPCAN	Rip Canopy Present (Fraction	Rip Canopy Present (Fraction of reach)
XPCM	Rip Can & MidLayer Present	Rip Can & MidLayer Present (Frac. reach)
XPCMG	Riparian 3-Layers Present	Riparian 3-Layers Present (Fract. reach)
XPGVEG	Rip Ground Layer Present	Rip Ground Layer Present (Fract. reach)
XPMG	Riparian mid & gnd Present	Riparian mid & gnd Present (Frac. reach)
XPMGH	Rip. mid & gnd herb Present	Rip. mid & gnd herb Present (Frac. reach)
XPMGW	Rip. mid & gnd wood Present	Rip. mid & gnd wood Present (Frac. reach)
XPMID	Rip MidLayer Present (Fraction	Rip MidLayer Present (Fraction of reach)
XSLOPE	Channel Slope -- reach mean (%)	Channel Slope -- reach mean (%)
XUN	Undercut Distance--Mean (m)	Undercut Distance--Mean (m)
XWD_RAT	Mean Width/Depth Ratio (m/m)	Mean Width/Depth Ratio (m/m)

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Row ID	Characteristic Name	Description
XWIDTH	Wetted Width -- Mean (m)	Wetted Width -- Mean (m)
XWXD	Mean Width*Depth Product (m2)	Mean Width*Depth Product (m2)
X_HAG	Rip Dist Sum-Ag Types rip Plt	Rip Dist Sum-Ag Types rip Plt & Beyond
X_HALL	Rip Dist--Sum All Types X_HALL	Rip Dist--Sum All Types str plt & beyond
X_HNOAG	Rip Dist Sum-Non Ag rip Plt &	Rip Dist Sum-Non Ag rip Plt & Beyond

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PRIPHYT	WEMAP Periphyton	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
AFDM	Ash Free Dry Mass - Composite	Ash Free Dry Mass (g) in Composite Sample
AFDM_M2	Ash Free Dry Mass	Ash Free Dry Mass (g/m ²)
AREA_CM2	Area of Periphyton Sampled	Area of Periphyton Sampled (cm ²)
CHL	Chlorophylla (mg) - Composite	Chlorophyll a (mg) in Composite Sample
CHL_M2	Chlorophyll a of Stream Bed	Mass per square meter Chlorophyll a of Stream Bed (mg)/m ²
CHL_MASS	Ratio - Chl-a:Periphyton AFDM	Ratio of Chlorophyll-a(mg):Periphyton AFDM(g)
COMMENT	Periphyton Comments	
SP_ACI	Acid Phosphotase Activity	Acid Phosphotase Act. nmol/g AFDM/h
SP_ALK	Alkaline Phosphotase Activity	Alkaline Phosphotase Act. nmol/g AFDM/h
TRAN_NO	Number of Transects Sampled	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RHABMET	River Physical Habitat Metrics	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
AREASUM	Resid. Pool Vert Profile Area	Resid. Pool Vert Profile Area (m2/reach)

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Row ID	Characteristic Name	Description
AREASUMC	Resid Pool Vert Profile Area c	Resid. Pool Vert Profile Area (m2/chan.)
BANGMODE	Mode of bank slope category	Mode of bank slope category (Zar 1984)
BAP_LOW	Bank slopes 0-5 degrees	Bank slopes 0-5 degrees (% reach)
BAP_MED	Bank slopes 5-30 degrees	Bank slopes 5-30 degrees (% reach)
BAP_MIS	Bank slope not recorded	Bank slope not recorded (% reach)
BAP_STP	Bank slopes 30-75 degrees	Bank slopes 30-75 degrees (% reach)
BAP_VST	Bank slopes >75 degrees	Bank slopes >75 degrees (% reach)
BFWD_RAT	Mean bankfull width/depth rati	Mean bankfull width/depth ratio (m/m)
C1D	LWD in Bkf channel&dry	LWD in Bkf channel&dry (#/rch-all sizes)
C1DM100	LWD in Bkf chnl & dry	LWD in Bkf chnl & dry (#/100m-all sizes)
C1T	LWD in/over wetted chnl	LWD in/over wetted chnl(#/rch-all sizes)
C1TM100	LWD in/above wet chan	LWD in/above wet chan(#/100m-all sizes)
C1W	LWD in wetted channel	LWD in wetted channel(#/rch-all sizes)
C1WM100	LWD in wetted chnl	LWD in wetted chnl (#/100m-all sizes)
C1W_MSQ	LWD in wetted chnl (#/m2-all s	LWD in wetted chnl (#/m2-all sizes)
C2D	LWD in Bkf channel & dry	LWD in Bkf channel & dry (#/rch-S,M,L,X)
C2DM100	LWD in Bkf chnl & dry (#/100m-	LWD in Bkf chnl & dry (#/100m-S,M,L,X)
C2T	LWD in/over wetted chnl (#/rch	LWD in/over wetted chnl (#/rch-S,M,L,X)
C2TM100	LWD in/above wetted chan(#/100	LWD in/above wetted chan(#/100m-S,M,L,X)
C2W	LWD in wetted channel (#/rch-S	LWD in wetted channel (#/rch-S,M,L,X)
C2WM100	LWD in wetted chnl (#/100m-S,M	LWD in wetted chnl (#/100m-S,M,L,X)
C2W_MSQ	LWD in wetted chnl (#/m2-S,M,L	LWD in wetted chnl (#/m2-S,M,L,X)
C3D	LWD in Bkf channel & dry (#/rc	LWD in Bkf channel & dry (#/rch-M,L,X)
C3DM100	LWD in Bkf chnl & dry C3DM100	LWD in Bkf chnl & dry (#/100m-M,L,X)
C3T	LWD in/over wetted channel	LWD in/over wetted channel (#/rch-M,L,X)
C3TM100	LWD in/above wetted chan	LWD in/above wetted chan (#/100m-M,L,X)
C3W	LWD in wetted channel (#/rch-M	LWD in wetted channel (#/rch-M,L,X)

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Row ID	Characteristic Name	Description
C3WM100	LWD in wetted chnl (#/100m-M,L	LWD in wetted chnl (#/100m-M,L,X)
C3W_MSQ	LWD in wetted chnl (#/m2-M,L,X	LWD in wetted chnl (#/m2-M,L,X)
C4D	LWD in Bkf channel & dry C4D	LWD in Bkf channel & dry (#/rch-L,X)
C4DM100	LWD in Bkf chnl & dry C4DM100	LWD in Bkf chnl & dry (#/100m-L,X)
C4T	LWD in/over wetted channel (#/	LWD in/over wetted channel (#/rch-L,X)
C4TM100	LWD in/above wetted chan (#/10	LWD in/above wetted chan (#/100m-L,X)
C4W	LWD in wetted channel (#/rch-L	LWD in wetted channel (#/rch-L,X)
C4WM100	LWD in wetted chnl (#/100m-L,X	LWD in wetted chnl (#/100m-L,X)
C4W_MSQ	LWD in wetted chnl (#/m2-L,X)	LWD in wetted chnl (#/m2-L,X)
C5D	LWD in Bkf channel & dry C5D	LWD in Bkf channel & dry (#/rch-X)
C5DM100	LWD in Bkf chnl & dry C5DM100	LWD in Bkf chnl & dry (#/100m-X)
C5T	LWD in/over wetted channel C5T	LWD in/over wetted channel (#/rch-X)
C5TM100	LWD in/above wetted ch C5TM100	LWD in/above wetted chan (#/100m-X)
C5W	LWD in wetted channel (#/rch-X	LWD in wetted channel (#/rch-X)
C5WM100	LWD in wetted chnl (#/100m-X)	LWD in wetted chnl (#/100m-X)
C5W_MSQ	LWD in wetted chnl (#/m2-X)	LWD in wetted chnl (#/m2-X)
CROWS_D	Straight line valley length of	Straight line valley length of reach (m)
FISH_D	Reach Length (m)	Reach Length (m) -- as the fish swims
INTERVAL	Dist. betw. Thalweg measuremen	Dist. betw. Thalweg measurements (m)
LDMB_BW4	Log10[Erodible Substr Dia.(mm)	Log10[Erodible Substr Dia.(mm)]-old #2
LDMB_BW5	Log10[Erodible Substr LDMB_BW5	Log10[Erodible Substr Dia.(mm)]-Est. 2
LGDIATOT	Count/reach all small dia lwd	Count/reach all small dia lwd
LGDRYDIA	Count/reach all dry large dia	Count/reach all dry large dia lwd
LGDRYLEN	Count/reach all dry long len	Count/reach all dry long len lwd
LGLENTOT	Count/reach all long len lwd	Count/reach all long len lwd
LGWETDIA	Count/reach all wet large dia	Count/reach all wet large dia lwd
LGWETLEN	Count/reach all wet long len l	Count/reach all wet long len lwd

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Row ID	Characteristic Name	Description
LOCMETHOD	Channel location method	Channel location method (GPS/ANALOG)
LRBS_BW4	Log10[Relative Bed Stability]	Log10[Relative Bed Stability] - old #2
LRBS_BW5	Log10 LRBS_BW5	Log10[Relative Bed Stability] - Est. 2
LRBS_BW6	Log10[Erod. sub. dia.]- Est. 2	Log10[Erod. sub. dia.]- Est. 2, split BL
LRBS_TST	Log10 LRBS_TST	Log10[Relative Bed Stability] - Fast est
LSUB2D16	The 16.0000 percentile, log2d	the 16.0000 percentile, log2dmm
LSUB2D25	The lower quartile, log2dmm	the lower quartile, log2dmm
LSUB2D50	The median, log2dmm	the median, log2dmm
LSUB2D75	The upper quartile, log2dmm	the upper quartile, log2dmm
LSUB2D84	The 84.0000 percentile, log2d	the 84.0000 percentile, log2dmm
LSUB2DMM	The mean, log2dmm	the mean, log2dmm
LSUB2IQR	The interquartile range, log2d	the interquartile range, log2dmm
LSUBD2SD	The standard deviation, log2dm	the standard deviation, log2dmm
LSUBD_SD	Thalweg sub.-StDev LOG10(Diam	Thalweg sub.-StDev LOG10(Diam Class mm)
LSUB_D16	Thalweg sub.-D16 LOG10(Diam Cl	Thalweg sub.-D16 LOG10(Diam Class mm)
LSUB_D25	Thalweg sub.-D25 LOG10(Diam Cl	Thalweg sub.-D25 LOG10(Diam Class mm)
LSUB_D50	Thalweg sub.-Median LOG10(Diam	Thalweg sub.-Median LOG10(Diam Class mm)
LSUB_D75	Thalweg sub.-D75 LOG10(Diam Cl	Thalweg sub.-D75 LOG10(Diam Class mm)
LSUB_D84	Thalweg sub.-D84 LOG10(Diam Cl	Thalweg sub.-D84 LOG10(Diam Class mm)
LSUB_DMM	Thalweg sub.-Mean Log10(Diam C	Thalweg sub.-Mean Log10(Diam Class mm)
LSUB_IQR	Thal sub.-IntQt Rng LOG10(Diam	Thal sub.-IntQt Rng LOG10(Diam class mm)
LTEST	Log10[Erodible Substr LTEST	Log10[Erodible Substr Dia.(mm)]-Fast est
LWDDV33	Volume/reach of dry lwd	Volume/reach (Robison 1998) of dry lwd
LWDDVCAL	Volume/reach (other) of dry lw	Volume/reach (other) of dry lwd
LWDTV33	Volume/reach of all lwd	Volume/reach (Robison 1998) of all lwd
LWDTVCAL	Volume/reach (other) of all lw	Volume/reach (other) of all lwd
LWDWV33	Volume/reach of wet lwd	Volume/reach (Robison 1998) of wet lwd

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Row ID	Characteristic Name	Description
LWDWVCAL	Volume/reach (other) of wet lw	Volume/reach (other) of wet lwd
MDDIATOT	Count/reach all small MDDIATOT	Count/reach all small dia lwd
MDDRYDIA	Count/reach all dry medium dia	Count/reach all dry medium dia lwd
MDDRYLEN	Count/reach all dry medium len	Count/reach all dry medium len lwd
MDLENTOT	Count/reach all medium len lwd	Count/reach all medium len lwd
MDWETDIA	Count/reach all wet medium dia	Count/reach all wet medium dia lwd
MDWETLEN	Count/reach all wet medium len	Count/reach all wet medium len lwd
MNLIT	Minimum littoral depth (m)	Minimum littoral depth (m)
MNSHOR	Minimum distance shore to veg	Minimum distance shore to vegetation (m)
MXLIT	Maximum littoral depth (m)	Maximum littoral depth (m)
MXSHOR	Maximum distance shore to veg	Maximum distance shore to vegetation (m)
N	Number of obs. of substrate	Number of obs. of substrate SIZE_CLS
NBNK	Number of Bank Obs-Densimeter	Number of Bank Obs-Densimeter
NC	Number of nonmissing wet obs	number of nonmissing wet obs
NRP	Number of residual pools	Number of residual pools in reach
NS	Number of nonmissing dry obs	number of nonmissing dry obs
NSLP	# of values used to calc mean	# of values used to calc mean slope
N_BA	Number of observations--Bank A	Number of observations--Bank Angle
N_BFRAT	Number of nonmissing values	number of nonmissing values, bf_rat
N_BH	No observations-Bankfull Heigh	no observations-Bankfull Height
N_BW	No observations--Bankfull Wid	no observations--Bankfull Width
N_D	Number of obs -- Thalweg Depth	Number of obs -- Thalweg Depth
N_INCIS	No of observations-Chan Incisi	no of observations-Chan Incision Ht.(m)
N_W	Number of obs -- Wetted Width	Number of obs -- Wetted Width
N_WD	Number of obs -- W*D Product	Number of obs -- W*D Product
N_WDR	Number of obs -- W/D Ratio	Number of obs -- W/D Ratio
N_XTOT	Number of X/east distances for	Number of X/east distances for SINU calc

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Row ID	Characteristic Name	Description
N_YTOT	Number of Y/north distances	Number of Y/north distances for SINU calc
PCAN_C	Riparian Canopy Coniferous	Riparian Canopy Coniferous (Fract reach)
PCAN_D	Riparian Canopy Deciduous	Riparian Canopy Deciduous (Fract. reach)
PCAN_E	Rip Canopy Broadf evgrn	Rip Canopy Broadf evgrn (Fract of rch)
PCAN_M	Rip Canopy Mix Conif-Decid	Rip Canopy Mix Conif-Decid (Fract reach)
PCAN_N	Rip Canopy Absent	Rip Canopy Absent (Fraction of reach)
PCTCHARP	% of chan. length that forms	% of chan. length that forms resid pools
PCTCHASD	% of chan. length with sed	% of chan. length with sediments present
PCTCH_B	Broad valley, unconst. channel	Broad valley, unconst. channel (% rch)
PCTCH_C	Constrained channel (% reach)	Constrained channel (% reach)
PCTCH_N	Narrow valley, unconst. channe	Narrow valley, unconst. channel (% rch)
PCTCH_U	Unconstrained channel (% reach)	Unconstrained channel (% reach)
PCTDSED	% of pool tail length with sed	% of pool tail length with sed.
PCTPSED	Pool Sediment(<16mm) Pres.	Pool Sediment(<16mm) Pres. (%len of RPs)
PCTRCHRP	Resid. pool length proportion	Resid. pool length proportion (%of rch)
PCTRSED	Thal. Sedmt. (<16mm) Pres.	Thal. Sedmt. (<16mm) Pres.(%len of Thal)
PCTUSED	% of pool head length with sed	% of pool head length with sediment
PCT_BH	Thal sub. bedrock or hardpan	Thal sub. bedrock or hardpan -- >4 m (%)
PCT_BL	Thalweg sub. Boulders	Thalweg sub. Boulders -- 250-4000 mm (%)
PCT_CA	Cascade (% of reach)	Cascade (% of reach)
PCT_CB	Thalweg sub. Cobbles	Thalweg sub. Cobbles -- 64-250 mm (%)
PCT_DBBL	Pct. littoral substrate w/ BL	Pct. littoral substrate with BL dominant
PCT_DBCB	Pct. littoral substrate w/ CB	Pct. littoral substrate with CB dominant
PCT_DBFN	Pct. littoral substrate w/ FN	Pct. littoral substrate with FN dominant
PCTDBGC	Pct. littoral substrate w/ GC	Pct. littoral substrate with GC dominant
PCTDBGF	Pct. littoral substrate w/ GF	Pct. littoral substrate with GF dominant
PCT_DBHP	Pct. littoral substrate w/ HP	Pct. littoral substrate with HP dominant

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Row ID	Characteristic Name	Description
PCT_DBOM	Pct. littoral substrate w/ OM	Pct. littoral substrate with OM dominant
PCT_DBOT	Pct. littoral substrate w/ OT	Pct. littoral substrate with OT dominant
PCT_DBRC	Pct. littoral substrate w/ RC	Pct. littoral substrate with RC dominant
PCT_DBRR	Pct. littoral substrate w/ RR	Pct. littoral substrate with RR dominant
PCT_DBRS	Pct. littoral substrate w/ RS	Pct. littoral substrate with RS dominant
PCT_DBSA	Pct. littoral substrate w/ SA	Pct. littoral substrate with SA dominant
PCT_DBSB	Pct. littoral substrate w/ SB	Pct. littoral substrate with SB dominant
PCT_DBWD	Pct. littoral substrate w/ WD	Pct. littoral substrate with WD dominant
PCT_DBXB	Pct. littoral substrate w/ XB	Pct. littoral substrate with XB dominant
PCT_DR	Dry channel (% of reach)	Dry channel (% of reach)
PCT_DSBL	Pct. shore substrate with BL	Pct. shore substrate with BL dominant
PCT_DSCL	Pct. shore substrate with CB d	Pct. shore substrate with CB dominant
PCT_DSFN	Pct. shore substrate with FN d	Pct. shore substrate with FN dominant
PCT_DSGC	Pct. shore substrate with GC d	Pct. shore substrate with GC dominant
PCT_DSGF	Pct. shore substrate with GF d	Pct. shore substrate with GF dominant
PCT_DSHP	Pct. shore substrate with HP d	Pct. shore substrate with HP dominant
PCT_DSOM	Pct. shore substrate with OM d	Pct. shore substrate with OM dominant
PCT_DSOT	Pct. shore substrate with OT d	Pct. shore substrate with OT dominant
PCT_DSRC	Pct. shore substrate with RC d	Pct. shore substrate with RC dominant
PCT_DSRR	Pct. shore substrate with RR d	Pct. shore substrate with RR dominant
PCT_DSRS	Pct. shore substrate with RS d	Pct. shore substrate with RS dominant
PCT_DSXA	Pct. shore substrate with SA d	Pct. shore substrate with SA dominant
PCT_DSXB	Pct. shore substrate with SB d	Pct. shore substrate with SB dominant
PCT_DSXD	Pct. shore substrate with WD d	Pct. shore substrate with WD dominant
PCT_DSXB	Pct. shore substrate with XB d	Pct. shore substrate with XB dominant
PCT_FA	Falls (% of reach)	Falls (% of reach)
PCT_FAST	Fast Wtr Hab	Fast Wtr Hab (% riffle & faster)

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Row ID	Characteristic Name	Description
PCT_FN	Thalweg sub. Fines	Thalweg sub. Fines -- Silt/Clay/Muck (%)
PCT_GL	Glide (% of reach)	Glide (% of reach)
PCT_GR	Thalweg substrate Gravel	Thalweg substrate Gravel -- 16-64 mm (%)
PCT_OT	Thalweg substrate Miscellaneous	Thalweg substrate Miscellaneous -- (%)
PCT_OVRB	Ability to see over bank	Ability to see over bank (% reach)
PCT_POOL	Pools -- All Types (% of reach)	Pools -- All Types (% of reach)
PCT_RA	Rapids (% of reach)	Rapids (% of reach)
PCT_RI	Riffle (% of reach)	Riffle (% of reach)
PCT_SA	Thalweg substrate Sand	Thalweg substrate Sand -- .06-2 mm (%)
PCT_SAFN	Thalweg sub. Sand & Fines	Thalweg sub. Sand & Fines -- <2 mm (%)
PCT_SBBL	Pct. littoral substrate with B	Pct. littoral substrate with BL subdom.
PCT_SBCB	Pct. littoral substrate with C	Pct. littoral substrate with CB subdom.
PCT_SBFN	Pct. littoral substrate with F	Pct. littoral substrate with FN subdom.
PCT_SBGC	Pct. littoral substrate with G	Pct. littoral substrate with GC subdom.
PCT_SBGF	Pct. littoral subs w/ GF subd	Pct. littoral substrate with GF subdom.
PCT_SBHP	Pct. littoral substrate with H	Pct. littoral substrate with HP subdom.
PCT_SBOM	Pct. littoral substrate with O	Pct. littoral substrate with OM subdom.
PCT_SBOT	Pct. littoral subs w/ OT subd	Pct. littoral substrate with OT subdom.
PCT_SBRC	Pct. littoral substrate with R	Pct. littoral substrate with RC subdom.
PCT_SBRR	Pct. littoral subs w/ RR subd	Pct. littoral substrate with RR subdom.
PCT_SBRN	Pct. littoral subs w/ RS subd	Pct. littoral substrate with RS subdom.
PCT_SBSA	Pct. littoral substrate with S	Pct. littoral substrate with SA subdom.
PCT_SBSB	Pct. littoral subs w/ SB subd	Pct. littoral substrate with SB subdom.
PCT_SBWD	Pct. littoral substrate with W	Pct. littoral substrate with WD subdom.
PCT_SBXB	Pct. littoral substrate with X	Pct. littoral substrate with XB subdom.
PCT_SIDE	Side channel presence	Side channel presence (% of reach)
PCT_SLOW	Slow Wtr Hab (% Glide & Pool)	Slow Wtr Hab (% Glide & Pool)

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Row ID	Characteristic Name	Description
PCT_SNAG	Percent of reach with snags	Percent of reach with snags
PCT_SSBL	Pct. shore substrate with BL s	Pct. shore substrate with BL subdominant
PCT_SSCB	Pct. shore substrate with CB s	Pct. shore substrate with CB subdominant
PCT_SSFN	Pct. shore substrate with FN s	Pct. shore substrate with FN subdominant
PCT_SSGC	Pct. shore substrate with GC s	Pct. shore substrate with GC subdominant
PCT_SSGF	Pct. shore substrate with GF s	Pct. shore substrate with GF subdominant
PCT_SSHP	Pct. shore substrate with HP s	Pct. shore substrate with HP subdominant
PCT_SSOM	Pct. shore substrate with OM s	Pct. shore substrate with OM subdominant
PCT_SSOT	Pct. shore substrate with OT s	Pct. shore substrate with OT subdominant
PCT_SSRC	Pct. shore substrate with RC s	Pct. shore substrate with RC subdominant
PCT_SSRR	Pct. shore substrate with RR s	Pct. shore substrate with RR subdominant
PCT_SSRs	Pct. shore substrate with RS s	Pct. shore substrate with RS subdominant
PCT_SSSA	Pct. shore substrate with SA s	Pct. shore substrate with SA subdominant
PCT_SSSB	Pct. shore substrate with SB s	Pct. shore substrate with SB subdominant
PCT_SSWD	Pct. shore substrate with WD s	Pct. shore substrate with WD subdominant
PCT_SsXB	Pct. shore substrate with XB s	Pct. shore substrate with XB subdominant
PFC_ALG	Littoral fil. algae presence	Littoral fil. algae presence (% Rch)
PFC_ALL	Littoral sum(all type presence	Littoral sum(all type presence) (% Rch)
PFC_AQM	Littoral aq. Macrophyte Presen	Littoral aq. Macrophyte Presence (% Rch)
PFC_BIG	Lit. sum(LWD,RCK,OHB,HUM pres.	Lit. sum(LWD,RCK,OHB,HUM pres.) (% Rch)
PFC_BRS	Lit. brush & Small Debris Prsn	Lit. brush & Small Debris Prsnce (% Rch)
PFC_HUM	Littoral artif. struct. presen	Littoral artif. struct. presence (% Rch)
PFC_LWD	Littoral LWD Presence (% Rch)	Littoral LWD Presence (% Rch)
PFC_NAT	Lit. sum(nat. type presence)	Lit. sum(nat. type presence) (% Rch)
PFC_OHV	Littoral overhang. Veg. presen	Littoral overhang. Veg. presence (% Rch)
PFC_RCK	Littoral boulders presence	Littoral boulders presence (% Rch)

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Row ID	Characteristic Name	Description
PFC_UCB	Littoral undercut Bank presenc	Littoral undercut Bank presence (% Rch)
PMID_C	Rip MidLayer Coniferous (Fract	Rip MidLayer Coniferous (Fraction reach)
PMID_D	Rip MidLayer Deciduous (Fracti	Rip MidLayer Deciduous (Fraction reach)
PMID_E	Rip MidLayer broadlf evgrn (F	Rip MidLayer broadlf evgrn (Frac reach)
PMID_M	Rip MidLayer Mix Con-Decid (Fr	Rip MidLayer Mix Con-Decid (Fract reach)
PMID_N	Rip MidLayer Absent (Fraction	Rip MidLayer Absent (Fraction of reach)
RCHDLDLL	Count/reach dry large dia long	Count/reach dry large dia long len lwd
RCHDLML	Count/reach dry large dia medi	Count/reach dry large dia medium len lwd
RCHDLDSL	Count/reach dry large dia shor	Count/reach dry large dia short len lwd
RCHDMDLL	Count/reach dry medium dia lon	Count/reach dry medium dia long len lwd
RCHDMML	Count/reach dry medium dia med	Count/reach dry medium dia med. len lwd
RCHDMDSL	Count/reach dry medium dia sho	Count/reach dry medium dia short len lwd
RCHDRYT	Count/reach all dry size class	Count/reach all dry size classes
RCHSDLL	Count/reach dry small dia long	Count/reach dry small dia long len lwd
RCHSDML	Count/reach dry small dia medi	Count/reach dry small dia medium len lwd
RCHSDDSL	Count/reach dry small dia shor	Count/reach dry small dia short len lwd
RCHDXDLL	Cnt/rch dry xlrge dia lng len l	Count/reach dry xlarge dia long len lwd
RCHDXDML	Cnt/rch dry xlrge dia med len l	Count/reach dry xlarge dia med. len lwd
RCHDXDSL	Cnt/rch dry xlrge dia shrt len	Count/reach dry xlarge dia short len lwd
RCHTLDLL	Cnt/rch tot lrg dia lng len lw	Count/reach tot large dia long len lwd
RCHTLML	Cnt/rch tot lrg dia med len lw	Count/reach tot large dia medium len lwd
RCHTLDSL	Cnt/rch tot lrg dia shrt len l	Count/reach tot large dia short len lwd
RCHTMLLL	Cnt/rch tot med dia lon len lw	Count/reach tot medium dia long len lwd
RCHTMLML	Cnt/rch tot med dia med len lw	Count/reach tot medium dia med len lwd
RCHTMLDSL	Cnt/rch tot med dia shrt len l	Count/reach tot medium dia short len lwd
RCHTSDLL	Cnt/rch tot smll dia lng len l	Count/reach tot small dia long len lwd
RCHTSDML	Cnt/rch tot smll dia med len l	Count/reach tot small dia medium len lwd

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Row ID	Characteristic Name	Description
RCHTSDSL	Cnt/rch tot smll dia shrt len	Count/reach tot small dia short len lwd
RCHTXDLL	Cnt/rch tot xlrge dia lon len l	Count/reach tot xlarge dia long len lwd
RCHTXDML	Cnt/rch tot xlrge dia med len l	Count/reach tot xlarge dia med len lwd
RCHTXDSL	Cnt/rch tot xlrge dia shrt len	Count/reach tot xlarge dia short len lwd
RCHWDT	Count/reach all wood	Count/reach all wood
RCHWETT	Cnt/rch all wet size classes	Count/reach all wet size classes
RCHWLDLL	Cnt/rch wet lrg dia lng len lw	Count/reach wet large dia long len lwd
RCHWLDML	Cnt/rch wet lrg dia med len lw	Count/reach wet large dia medium len lwd
RCHWLDSL	Cnt/rch wet lrg dia shrt len l	Count/reach wet large dia short len lwd
RCHWMDLL	Cnt/rch wet med dia lng len lw	Count/reach wet medium dia long len lwd
RCHWMDML	Cnt/rch wet med dia med len lw	Count/reach wet medium dia med. len lwd
RCHWMDSL	Cnt/rch wet med dia shrt len l	Count/reach wet medium dia short len lwd
RCHWSDLL	Cnt/rch wet smll dia lng len l	Count/reach wet small dia long len lwd
RCHWSDML	Cnt/rch wet smll dia med len l	Count/reach wet small dia medium len lwd
RCHWSDSL	Cnt/rch wet smll dia shrt len	Count/reach wet small dia short len lwd
RCHWXDLL	Count/reach wet xlarge dia lon	Count/reach wet xlarge dia long len lwd
RCHWXDML	Count/reach wet xlarge dia med	Count/reach wet xlarge dia med. len lwd
RCHWXDSL	Count/reach wet xlarge dia sho	Count/reach wet xlarge dia short len lwd
REACHLEN	Length of sample reach (m)	Length of sample reach (m)
RP100	Mean Residual Depth (cm or m2/	Mean Residual Depth (cm or m2/100m)
RP100C	Mean resid area per 100 m of c	Mean resid area per 100 m of chan.
RPGT100	Resid Pools >100cm deep (numbe	Resid Pools >100cm deep (number/reach)
RPGT50	Resid Pools >50cm deep (number	Resid Pools >50cm deep (number/reach)
RPGT75	Resid Pools >75cm deep (number	Resid Pools >75cm deep (number/reach)
RPMXAR	Max. RP profile area in rch (m	Max. RP profile area in rch (m2/pool)
RPMXDEP	Maximum residual depth in reac	Maximum residual depth in reach (cm)
RPMXLEN	Max. resid pool length in reac	Max. resid pool length in reach (m/pool)

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Row ID	Characteristic Name	Description
RPMXVOL	Max volume of any pool in reac	Max volume of any pool in reach (m ³)
RPMXWID	Max resid width of any pool in	Max resid width of any pool in reach (m)
RPV100C	Residual volume (m ³ /100m chan	Residual volume (m ³ /100m channel)
RPV100R	Residual Pool Volume (m ³ /100m	Residual Pool Volume (m ³ /100m reach)
RPVAREA	StdDev profile area of RPs (m ²	StdDev profile area of RPs (m ² /pool)
RPVDEP	StdDev of residual pool depths	StdDev of residual pool depths (cm)
RPVLEN	StdDev length of resid pools	StdDev length of resid pools (m/pool)
RPXAREA	Mean vert. profile area of RPs	Mean vert. profile area of RPs (m ² /pool)
RPXDEP	Mean RP depth in reach (cm/poo	Mean RP depth in reach (cm/pool)
RPXLEN	Mean length of resid pools	Mean length of resid pools (m/pool)
RPXVOL	Mean resid pool volume (m ³ /po	Mean resid pool volume (m ³ /pool)
RPXWID	Mean resid width of reach (m)	Mean resid width of reach (m)
SAMPLED	Sample status (PHab)	Sample status (PHab)
SDBKF_H	Bankfull Height-Std. Dev. (m)	Bankfull Height-Std. Dev. (m)
SDBKF_W	Bankfull Width--Std. Dev. (m)	Bankfull Width--Std. Dev. (m)
SDDEPTH	Std Dev of Thalweg Depth (m)	Std Dev of Thalweg Depth (m)
SDINC_H	Channel Incision Ht.-Std. Dev.	Channel Incision Ht.-Std. Dev. (m)
SDWD_RAT	Std Dev of Width/Depth Ratio	Std Dev of Width/Depth Ratio (m/m)
SDWIDTH	Std Dev of Wetted Width (m)	Std Dev of Wetted Width (m)
SDWXD	Std Dev of Width*Depth Product	Std Dev of Width*Depth Product (m ²)
SHDRYLEN	Count/reach all dry short len	Count/reach all dry short len lwd
SHLENTOT	Count/reach all short len lwd	Count/reach all short len lwd
SHWETLEN	Count/reach all wet short len	Count/reach all wet short len lwd
SINU	Channel Sinuosity (m/m)	Channel Sinuosity (m/m)
SMDIATOT	Count/reach all small SMDIATOT	Count/reach all small dia lwd
SMDRYDIA	Cnt/rch all dry smll dia lwd	Count/reach all dry small dia lwd
SMWETDIA	Count/reach all wet small dia	Count/reach all wet small dia lwd

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Row ID	Characteristic Name	Description
TOTCHLEN	Total length of channel, main	Total length of channel, main + side (m)
TOTDPLEN	Sum of pool tail lengths	Sum of pool tail lengths (m/reach)
TOTDPSDL	Sum pool tail lengths with sed	Sum pool tail lengths with sed.(m/reach)
TOTEAST	Net east-west travel of reach	net east-west travel of reach
TOTNORTH	Net north-south travel of reac	net north-south travel of reach
TOTPLEN	Total resid pool length	Total resid pool length (m/reach)
TOTPLENC	Total resid pool length (m/cha	Total resid pool length (m/chan.)
TOTPVOL	Total resid pool volume (m ³ /r	Total resid pool volume (m ³ /reach)
TOTPVOLC	Total resid pool volume (m ³ /c	Total resid pool volume (m ³ /chan.)
TOTSLEN	Total RP length with sediment	Total RP length with sediment (m/reach)
TOTSDLNC	Total RP length TOTSDLNC	Total RP length with sediment (m/chan.)
TOTUPLEN	Sum of pool head lengths	Sum of pool head lengths (m/reach)
TOTUPSDL	Sum pool head lengths with sed	Sum pool head lengths with sed.(m/reach)
TRANSPC	Mean dist. betw. Transects (m)	Mean dist. betw. Transects (m)
V1D	LWD vol in Bkf chnl&dry(m3/rch	LWD vol in Bkf chnl&dry(m3/rch-all size)
V1DM100	LWD vol in Bkf chnl&dry(m3/100	LWD vol in Bkf chnl&dry(m3/100m-all)
V1T	LWD vol in/over wet chnl(m3/rc	LWD vol in/over wet chnl(m3/rch-all)
V1TM100	LWD vol in/abv wt chan(#/100m-	LWD vol in/abv wt chan(#/100m-all sizes)
V1W	LWD vol in wetted chnl(m3/rch-	LWD vol in wetted chnl(m3/rch-all sizes)
V1WM100	LWD vol in Bkf chnl V1WM100	LWD vol in Bkf chnl&dry(m3/100m-all sizes)
V1W_MSQ	LWD vol in Bkf chnl&dry(m3/m2-	LWD vol in Bkf chnl&dry(m3/m2-all sizes)
V2D	LWD vol in Bkf chnl&dry (m3/rc	LWD vol in Bkf chnl&dry (m3/rch-S,M,L,X)
V2DM100	LWD vol in Bkf chnl&dryV2DM100	LWD vol in Bkf chnl&dry(m3/100m-S,M,L,X)
V2T	LWD vol in/over wet chnl V2T	LWD vol in/over wet chnl(m3/rch-S,M,L,X)
V2TM100	LWD vol in/abv wet chan (#/100	LWD vol in/abv wet chan (#/100m-S,M,L,X)
V2W	LWD vol in wetted chnl (m3/rch	LWD vol in wetted chnl (m3/rch-S,M,L,X)
V2WM100	LWD vol in Bkf chnl& dry	LWD vol in Bkf chnl& dry (m3/100m-S,M,L,X)

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Row ID	Characteristic Name	Description
V2W_MSQ	LWD vol in Bkf chnl& dry (m3/m	LWD vol in Bkf chnl& dry (m3/m2-S,M,L,X)
V3D	LWD vol in Bkf chnl & dry (m3/	LWD vol in Bkf chnl & dry (m3/rch-M,L,X)
V3DM100	LWD vol in Bkf chnl& dry (m3/1	LWD vol in Bkf chnl& dry (m3/100m-M,L,X)
V3T	LWD vol in/over wet chnl (m3/r	LWD vol in/over wet chnl (m3/rch-M,L,X)
V3TM100	LWD vol in/abv wetted chan(#1	LWD vol in/abv wetted chan(#/100m-M,L,X)
V3W	LWD vol in wetted chnl V3W	LWD vol in wetted chnl (m3/rch-M,L,X)
V3WM100	LWD vol in Bkf chnl & V3WM100	LWD vol in Bkf chnl & dry (m3/100m-M,L,X)
V3W_MSQ	LWD vol in Bkf chnl & dry	LWD vol in Bkf chnl & dry (m3/m2-M,L,X)
V4D	LWD vol in Bkf chnl & dry V4D	LWD vol in Bkf chnl & dry (m3/rch-L,X)
V4DM100	LWD vol in Bkf chnl & V4DM100	LWD vol in Bkf chnl & dry (m3/100m-L,X)
V4T	LWD vol in/over wetted chnl (m	LWD vol in/over wetted chnl (m3/rch-L,X)
V4TM100	LWD vol in/abv wetted chan (#/	LWD vol in/abv wetted chan (#/100m-L,X)
V4W	LWD vol in wetted chnl V4W	LWD vol in wetted chnl (m3/rch-L,X)
V4WM100	LWD vol in Bkf chnl & V4WM100	LWD vol in Bkf chnl & dry (m3/100m-L,X)
V4W_MSQ	LWD vol in Bkf chnl & V4W_MSQ	LWD vol in Bkf chnl & dry (m3/m2-L,X)
V5D	LWD vol in Bkf chnl & dry V5D	LWD vol in Bkf chnl & dry (m3/rch-X)
V5DM100	LWD vol in Bkf chnl & V5DM100	LWD vol in Bkf chnl & dry (m3/100m-X)
V5T	LWD vol in/over wetted chnV5T	LWD vol in/over wetted chnl (m3/rch-X)
V5TM100	LWD vol in/abv wetted V5TM100	LWD vol in/abv wetted chan (#/100m-X)
V5W	LWD vol in wetted chnl V5W	LWD vol in wetted chnl (m3/rch-X)
V5WM100	LWD vol in Bkf chnl V5WM100	LWD vol in Bkf chnl & dry (m3/100m-X)
V5W_MSQ	LWD vol in Bkf chnl & V5W_MSQ	LWD vol in Bkf chnl & dry (m3/m2-X)
VCDENBK	Std. Dev. Bank Canopy Density	Std. Dev. Bank Canopy Density (%)
VLIT	Stdev. littoral depth (m)	Stdev. littoral depth (m)
VSLOPE	Std Dev of Channel % Slope	Std Dev of Channel % Slope
W1H_BLDG	Rip Dist--Buildings (ProxWt Pr	Rip Dist--Buildings (ProxWt Pres)
W1H_CROP	Rip Dist--Row Crop (ProxWt Pre	Rip Dist--Row Crop (ProxWt Pres)

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Row ID	Characteristic Name	Description
W1H_LDFL	Rip Dist--Trash/Landfill (Prox	Rip Dist--Trash/Landfill (ProxWt Pres)
W1H_LOG	Rip Dist--Logging Activity (Pr	Rip Dist--Logging Activity (ProxWt Pres)
W1H_PARK	Rip Dist--Lawn/Park (ProxWt Pr	Rip Dist--Lawn/Park (ProxWt Pres)
W1H_PIPE	Rip Dist--Pipes infl/effl (Pro	Rip Dist--Pipes infl/effl (ProxWt Pres)
W1H_PSTR	Rip Dist--Pasture/Hayfield (Pr	Rip Dist--Pasture/Hayfield (ProxWt Pres)
W1H_PVMT	Rip Dist--Pavement (ProxWt Pre	Rip Dist--Pavement (ProxWt Pres)
W1H_ROAD	Rip Dist--Road/Railroad (ProxW	Rip Dist--Road/Railroad (ProxWt Pres)
W1H_WALL	Rip Dist--Wall/Bank Revet. (Pr	Rip Dist--Wall/Bank Revet. (ProxWt Pres)
W1_HAG	Rip Dist--Sum Agric Types (Pro	Rip Dist--Sum Agric Types (ProxWt Pres)
W1_HALL	Rip Dist--Sum All Types (ProxW	Rip Dist--Sum All Types (ProxWt Pres)
W1_HNOAG	Rip Dist--Sum NonAg Types (Pro	Rip Dist--Sum NonAg Types (ProxWt Pres)
XBEARING	Mean Flow Direction of reach	Mean Flow Direction of reach (degrees)
XBKF_H	Bankfull Height-Mean (m)	Bankfull Height-Mean (m)
XBKF_W	Bankfull Width--Mean (m)	Bankfull Width--Mean (m)
XB_HAG	Rip Dist-Sum Ag Types instrm &	Rip Dist-Sum Ag Types instrm & in plot
XB_HALL	Rip Dist--Sum All Types instrm	Rip Dist--Sum All Types instrm & on bank
XB_HNOAG	Rip Dist Sum-Non ag Types inst	Rip Dist Sum-Non ag Types instrm & Plot
XC	Riparian Veg Canopy Cover	Riparian Veg Canopy Cover
XCB_HAG	Rip Dist Sum-Ag Types instrm &	Rip Dist Sum-Ag Types instrm & on Bank
XCB_HALL	Rip Dist--Sum All TypeXCB_HALL	Rip Dist--Sum All Types instrm & in plot
XCB_HNAG	Rip Dist Sum-Non Ag Types inst	Rip Dist Sum-Non Ag Types instrm & Bank
XCDENBK	Mean Bank Canopy Density (%)	Mean Bank Canopy Density (%)
XCL	Riparian Canopy > 0.3m DBH (Co	Riparian Canopy > 0.3m DBH (Cover)
XCM	Rip Veg Canopy+Mid Layer Cover	Rip Veg Canopy+Mid Layer Cover
XCMG	Rip Veg Canopy+Mid+Ground Cove	Rip Veg Canopy+Mid+Ground Cover
XCMGW	Rip Veg Canopy+Mid+Ground	Rip Veg Canopy+Mid+Ground Woody Cover

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Row ID	Characteristic Name	Description
	Wood	
XCMW	Rip Veg Canopy+Mid Layer Woody	Rip Veg Canopy+Mid Layer Woody Cover
XCS	Riparian Canopy <= 0.3m DBH (C	Riparian Canopy <= 0.3m DBH (Cover)
XC_HAG	Rip Dist-Sum of Ag Types in Ri	Rip Dist-Sum of Ag Types in Ripar Plot
XC_HALL	Rip Dist--Sum All Types in Rip	Rip Dist--Sum All Types in Ripar Plots
XC_HNOAG	Rip Dist Sum-Non Ag Types in R	Rip Dist Sum-Non Ag Types in Ripar Plot
XDEPTH	Thalweg Mean Depth (m)	Thalweg Mean Depth (m)
XFC_ALG	Lit. cover-fil. Algae (Areal P	Lit. cover-fil. Algae (Areal Prop)
XFC_ALL	Lit. cover-sum(all) (Areal Pro	Lit. cover-sum(all) (Areal Prop)
XFC_AQM	Lit. cover-aq. Macrophyte(Area	Lit. cover-aq. Macrophyte(Areal Prop)
XFC_BIG	Lit. cvr-sum(LWD,RCK,UCB,HUM A	Lit. cvr-sum(LWD,RCK,UCB,HUM Area Prop)
XFC_BRS	Lit. cvr-brush&small debris (A	Lit. cvr-brush&small debris (Areal Prop)
XFC_HUM	Lit. cover-artif. structs. (Ar	Lit. cover-artif. structs. (Areal Prop)
XFC_LWD	Littoral cover-LWD (Areal Prop	Littoral cover-LWD (Areal Prop)
XFC_NAT	Lit. cover-sum(nat. types)(Are	Lit. cover-sum(nat. types)(Areal Prop)
XFC_OHV	Lit. cover-overhang veg (Areal	Lit. cover-overhang veg (Areal Prop)
XFC_RCK	Littoral fish cvr-boulders (Ar	Littoral fish cvr-boulders (Areal Prop)
XFC_UCB	Lit. cover-undercut banks (Are	Lit. cover-undercut banks (Areal Prop)
XF_HAG	Rip Dist Sum-Ag Types Beyond R	Rip Dist Sum-Ag Types Beyond Ripar Plot
XF_HALL	Rip Dist--Sum All Types beyond	Rip Dist--Sum All Types beyond Rip Plots
XF_HNOAG	Rip Dist Sum-Non Ag Types Beyo	Rip Dist Sum-Non Ag Types Beyond Rip Plt
XG	Riparian Veg Ground Layer Cove	Riparian Veg Ground Layer Cover
XGB	Rip Ground Layer Barren (Cover	Rip Ground Layer Barren (Cover)
XGH	Rip Ground Layer Herbaceous (C	Rip Ground Layer Herbaceous (Cover)
XGW	Rip Ground Layer Woody (Cover)	Rip Ground Layer Woody (Cover)
XINC_H	Channel Incision Ht.-Mean (m)	Channel Incision Ht.-Mean (m)

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Row ID	Characteristic Name	Description
XLDIATOT	Count/reach all small XLDIATOT	Count/reach all small dia lwd
XLDRYDIA	Count/reach all dry xlarge dia	Count/reach all dry xlarge dia lwd
XLIT	Mean littoral depth (m)	Mean littoral depth (m)
XLWETDIA	Count/reach all wet xlarge dia	Count/reach all wet xlarge dia lwd
XM	Riparian Veg Mid Layer Cover	Riparian Veg Mid Layer Cover
XMH	Rip Mid Layer Herbaceous (Cove	Rip Mid Layer Herbaceous (Cover)
XMW	Rip Mid Layer Woody (Cover)	Rip Mid Layer Woody (Cover)
XPCAN	Rip Canopy Present (Fraction o	Rip Canopy Present (Fraction of reach)
XPCM	Rip Can & MidLayer Present	Rip Can & MidLayer Present (Frac. reach)
XPCMG	Riparian 3-Layers Present	Riparian 3-Layers Present (Frac. reach)
XPGVEG	Rip Ground Layer Present (Frac	Rip Ground Layer Present (Frac. reach)
XPMG	Riparian mid & gnd Present	Riparian mid & gnd Present (Frac. reach)
XPMGH	Rip. mid & gnd herb Present	Rip. mid & gnd herb Present (Frac. reach)
XPMGW	Rip. mid & gnd wood Present	Rip. mid & gnd wood Present (Frac. reach)
XPMID	Rip MidLayer Present (Fraction	Rip MidLayer Present (Fraction of reach)
XSHOR2VG	Mean distance shore to vegetat	Mean distance shore to vegetation (m)
XSLOPE	Channel Slope -- reach mean (%)	Channel Slope -- reach mean (%)
XWD_RAT	Mean Width/Depth Ratio (m/m)	Mean Width/Depth Ratio (m/m)
XWIDTH	Wetted Width -- Mean (m)	Wetted Width -- Mean (m)
XWXD	Mean Width*Depth Product (m2)	Mean Width*Depth Product (m2)
X_HAG	Rip Dist Sum-Ag Types rip Plt	Rip Dist Sum-Ag Types rip Plt & Beyond
X_HALL	Rip Dist--Sum All Types str pl	Rip Dist--Sum All Types str plt & beyond
X_HNOAG	Rip Dist Sum-Non Ag rip Plt &	Rip Dist Sum-Non Ag rip Plt & Beyond

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIPARN	River Visual Riparian Estimate	Field Msr/Obs					Y

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Row ID	Characteristic Name	Description
BLDG	presence of buildings (O,P,C,B)	
BLDG_F	Presence of buildings flag	
BTRE	dens. of big (<0.3m DBH) trees	dens. of big (<0.3m DBH) trees in canopy
BTRE_F	density of big trees in canopy	density of big trees in canopy flag
CANV	Type of canopy veg	
CANV_F	Type of canopy veg : flag	
CROP	presence of row crops (O,P,C,B)	presence of row crops (O,P,C,B)
CROP_F	Presence of row crops : flag	
GCB	ground surface which is bare	
GCB_F	Ground surface bare flag	Ground surface which is bare : flag
GCNW	ground cover nonwoody	ground cover (<0.5m) by nonwoody veg
GCNW_F	Ground cover nonwoody flag	Ground cover by nonwoody veg : flag
GCW	ground cover by woody	ground cover (<0.5m) by woody veg
GCW_F	Ground cover woody flag	Ground cover by woody veg : flag
LDFL	presence of landfill or trash	presence of landfill or trash (O,P,C,B)
LDFL_F	Human influence landfill flag	
LOG	Presence of logging operations	presence of logging operations (O,P,C,B)
LOG_F	Human influence logging flag	Human influence logging operations flag
MINACT	Mining Activity	presence of mining activity (O,P,C,B)
MINACT_F	Human influence mining flag	Human influence mining activity flag
NONW	Understory cover by nonwdy	understory (0.5-5m)cover by nonwoody veg
NONW_F	Understory non-woody flag	
PARK	Presence of park or lawn	presence of park or lawn (O,P,C,B)
PARK_F	Human influence park flag	
PIPE	Presence of intake of outlet	presence of intake of outlet (O,P,C,B)
PIPE_F	Human influence pipe flag	
PSTR	Presence of pasture/range/hay	presence of pasture/range/hay (O,P,C,B)

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Row ID	Characteristic Name	Description
PSTR_F	Human influence pasture flag	
PVMT	Presence of pavement (O,P,C,B)	
PVMT_F	Human influence pavement flag	
ROAD	Presence of road/railroad	presence of road/railroad (O,P,C,B)
ROAD_F	Human influence road flag	
STRE	Dens. of small trees in can.	dens. of small (>0.3 DBH) trees in can.
STRE_F	Canopy small trees flag	
UNDV	Type of understory veg	
UNDV_F	Understory veg type flag	
WALL	Presence of wall/dam/other	Presence of wall/dam/other (O,P,C,B)
WALL_F	Human influence wall flag	
WOOD	Understory cover by woody	understory (0.5-5m) cover by woody veg
WOOD_F	Understory woody flag	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
STRESSRS	Additional Site Related Info.	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
AG_TOT	Total Watershed Ag Landuse (%)	Total Agricultural Landuse in Watershed in percent. Includes NLCD-61 Orchards, Vineyards, Other; NLCD-81 Pasture/Hay; NLCD-82 Row Crops; NLCD-83 Small Grains; and NLCD-84 Fallow
ASPCTDEG	Watershed Aspect (Deg)	Aspect of Watershed Longest Dimension in degrees
BAR_TOT	Total Watershed Barren (%)	Total Watershed with Barren Landuse in percent. Includes NLCD-31 Bare Rock, Sand, Clay and NLCD033 Transitional.
CAN_MEX	Missing Data Can or Mex (Y/N)	Missing Data in Canada or Mexico. Yes or No
DAMCOUNT	Number of Dams (count)	Number of Dams from National Inventory of Dams
DISTOT	Urb, Ag, Mine Landuse (%)	Total Urban Landuse + Total Agricultural Landuse + Total Mine Landuse in percent
ELEVMAX	Max Watershed Elevation (m)	Maximum Watershed Elevation in meters
ELEVMEAN	Mean Watershed Elevation (m)	Mean Watershed Elevation in meters

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Row ID	Characteristic Name	Description
ELEVMIN	Min Watershed Elevation (m)	Minimum Watershed Elevation in meters
ELEVSTD	Std Watershed Elevation (m)	Standard Watershed Elevation in meters
FEN_SECT	Fenneman Physiographic Section	Fenneman Physiographic Section
FOR_TOT	Total Watershed Forested (%)	Total Watershed with Forested Landuse in percent. Includes NLCD-41 Deciduous Forest, NLCD-42 Evergreen Forest ,and NLCD-43 Mixed Forest
GRAZING	Degradation from Cattle	Potential for water degradation due to cattle grazing. Score from 0 through 100,000
H2O_TOT	Total Watershed Water (%)	Total watershed that is water in percent. NLCD-11 Open Water
KM_SEA	Distance to Ocean (km)	Straight-line distance to ocean in kilometers
LTROFF_M	Annual Runoff (m)	Annual runoff in meters
MINES	Active and Aband Mines (count)	Number of active and abandoned mines
MINE_TOT	Total Watershed Mines (%)	Total Watershed Landuse that is mines in percent. NLCD-32 Quarries, Strip Mines, and Gravel Pits
NLCD_11	Open Water Landuse (%)	Open water landuse in percent. NLCD-11
NLCD_12	Peren Ice and Snow Landuse (%)	Perennial Ice and Snow Landuse in percent. NLCD-12
NLCD_21	Low Intens Residen Landuse (%)	Low Intensity Residential Landuse in percent. NLCD-21
NLCD_22	Hi Intens Residen Landuse (%)	High intensity Residential Landuse in percent. NLCD-22
NLCD_23	Commercial Landuse (%)	Commercial, Industrial, and Transportation Landuse in percent. NLCD-23
NLCD_31	Bare Rock,Snd,Clay Landuse (%)	Bare rock, sand, or clay landuse in percent. NLCD-31
NLCD_32	Surface Mine Landuse (%)	Quarries, strip mines, or gravel pit landuse. NLCD-32
NLCD_33	Transitional Landuse (%)	Transitional landuse in percent. NLCD-33
NLCD_41	Deciduous Forest Landuse (%)	Deciduous forest landuse in percent. NLCD-41
NLCD_42	Evergreen Forest Landuse (%)	Evergreen forest landuse in percent. NLCD-42
NLCD_43	Mixed Forest Landuse (%)	Mixed forest landuse in percent. NLCD-43
NLCD_51	Shrubland Landuse (%)	Shrubland Landuse in percent. NLCD-51
NLCD_61	Orchard, Vineyard Landuse (%)	Orchard, vineyard, and other landuse in percent. NLCD-61
NLCD_71	Grassland, Herbac Landuse (%)	Grassland and herbaceous landuse in percent. NLCD-71
NLCD_81	Pasture and Hay Landuse (%)	Pasture and hay landuse in percent. NLCD-81
NLCD_82	Row Crops Landuse (%)	Row crops landuse in percent. NLCD-82

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Row ID	Characteristic Name	Description
NLCD_83	Small Grains Landuse (%)	Small grains landuse in percent. NLCD-83
NLCD_84	Fallow Landuse (%)	Fallow landuse in percent. NLCD-84
NLCD_85	Urb, Recreation Grass LU (%)	Urban recreational grasses landuse in percent. NLCD-85
NLCD_91	Woody Wetlands Landuse (%)	Woody wetlands landuse in percent. NLCD-91
NLCD_92	Emerg Herb Wetland Landuse (%)	Emergent herbaceous wetland landuse in percent. NLCD-92
NON_RES	Total Watershed NonRes Urb (%)	Total watershed non-residential urban in percent. NLCD-23 Commercial, Industrial, and Transportation
POPDENKM	Pop Density (persons/km2)	Population density in persons per square kilometer
PRECIP_M	Annual Precipitation (m)	Annual Precipitation in meters
RD_DEN	Road Density (m/ha)	Road density in meters per hectare
RNG_TOT	Total Watershed Rangeland (%)	Total watershed with rangeland landuse in percent. NLCD-71 Grassland, Herbaceous and NLCD-51 Shrubland
ROUGHNES	Terrain Roughness (unitless)	Terrain Roughness
SECTNAME	Fenneman Section Name	Section name on Fenneman (1946) map
SLOPMEAN	Mean Watershed Slope (%)	Mean watershed slope in percent
STRAHLER	Strahler Stream Order	Strahler stream order from RF3 stream data
SURFGEOL	Surface Geological Class	Surficial geological class at the X-site
TUN_TOT	Total Watershed Tundra (%)	Total watershed with tundra landuse in percent. NLCD-12 Perennial Ice and snow
URB_TOT	Total Watershed Urban (%)	Total watershed with urban landuse in percent. NLCD-21 Low Intesity Residential; NLCD-22 High Intensity Residential; NLCD-23 Commercial, Industrial, and Transportation; and NLCD-85 Urban Recreational Grasslands
WETL_TOT	Total Watershed Wetlands (%)	Total watershed with wetlands landuse in percent. NLCD-91 Woody Wetlands and NLCD-92 Emergent Herbaceous Wetlands
WSAREAKM	Digitized Watershed Area (km2)	Watershed area digitized from maps in square kilometers
WSLOCLKM	Lcl WS Area Intrbsn Tran (km2)	Local watershed area if interbasin transfers in square kilometers
XELEV	Elevation at the X-site (m)	Elevation at the X-site (m)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SUBBANK	Bank geometry and substrate	Field Msr/Obs					Y

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Row ID	Characteristic Name	Description
ANGLE	Bank angle	Bank meas. angle (0-360 degree)
BANKHT	Bankfull height	bankfull height above water surface (m)
BANKHT_F	Bank height flag	
BANKWD_F	Bank width flag	
BANKWID	Bankfull width	Bank meas. bankfull width (m)
BANKWIDF	Bank width flag2	
BARWID	Bar width (m)	
BARWID_F	Bar width flag	
COM_FLDF	Flag	
DEPTH	Depth of water (cm)	
DIST_LB	Distance from the left bank	distance from the left bank (m)
DMETHOD	Method of depth measurement	Method of depth measurement (pole/sonar)
EMBED	Embeddedness of gravel+sized	%embeddedness of gravel+sized substrate
FLAG_BNK	Bank meas. angle/undercut flag	
FLAG_SUB	Subs. flag	Subs. flag(Dist_LB/Depth/Size_cls/EMBED)
INCISED	Channel incision	channel incision to water surface (m)
INCISED_F	Bank incised height flag	
INCIS_F	Bank incised height flag2	
LITDEP1	Littoral depth measurement	Littoral depth measurement, one of five
LITDEP2	Littoral depth measurement 2	Littoral depth measurement, one of five
LITDEP3	Littoral depth measurement 3	Littoral depth measurement, one of five
LITDEP4	Littoral depth measurement 4	Littoral depth measurement, one of five
LITDEP5	Littoral depth measurement 5	Littoral depth measurement, one of five
SIZE_CLS	Substrate particle size class	
SIZE_D_B	Bottom dominant substrate	
SIZE_D_S	Dominate shore substrate	
SIZE_S_B	Bottom secondary substrate	

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Row ID	Characteristic Name	Description
SIZE_S_S	Secondary shore substrate	
SUBOBS	Substrate from	Substrate from (JUDGement/OBServation)
UNDERCUT	Distance of bank undercut	distance of bank undercut by water (m)
WT_WID	Wetted width (m)	
WT_WID_F	Wetted width flag	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
THALWEG	Thalweg data	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
ACTRANSPC	Actual transect spacing	
BACKWATR	Backwater	Backwater (X for yes)
BARWID	Bar width (m)	
BARYES	Bar present (Y/N)	
BEAR1	BEAR1	
BEAR2	BEAR2	
BEAR3	BEAR3	
BEAR4	BEAR4	
BEAR5	BEAR5	
BEAR6	BEAR6	
BEART	BEART	
CALCINCREMNT	Calculated increment b/t trans	Definition inferred as not provided in file: Calculated uniform increment between transects (m)
CHANUNIT	Channel unit code	
CHAN_HAB	Channel unit code Rthalweg	
COM_FLDF	Flag	
COM_FLG2	COM_FLG2	
COM_FLG3	COM_FLG3	

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Row ID	Characteristic Name	Description
DEPTH	Thalweg depth (cm)	
DIST1	Distance 1	Definition & unit not provided
DIST2	Distance 2	Definition and unit not provided, definition inferred
DISTT	Distance total	Definiton and unit not provided, definition inferred
DMETHOD	Method of measuring depth	
FLAG	Flag Rthalweg	
INCREMNT	Uniform increment	Uniform increment between transects (m)
INDI	Station number	Station number (0-14)
METHOD	Method used to measure slope	Method used to measure slope (CL,LA)
OFF_CHAN	Presence of offchannel	Presence of offchannel/backwater (Y/N)
PAGE_NO	Page number	
POOLFORM	Pool form code	
PROPORT1	PROPORT1	
PROPORT2	1st supplemental proportion	1st supplemental proportion - streams
PROPORT3	2nd supplemental proportion	2nd supplemental proportion - streams
PROPORT4	PROPORT4	
PROPORT5	PROPORT5	
PROPORT6	PROPORT6	
PROPORTT	PROPORTT	
REACHLEN	Total Reach Length (m)	
SB_COM_F	Flag2	
SEDIMENT	Soft/small Sediment	Soft/small Sediment (X for yes)
SIDCHAN	Side channel (X for yes)	
SLOPE1	SLOPE1	
SLOPE2	SLOPE2	1st supplemental slope(%)
SLOPE3	SLOPE3	2nd supplemental slope(%)
SLOPE4	SLOPE4	

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Row ID	Characteristic Name	Description
SLOPE5	SLOPE5	
SLOPE6	SLOPE6	
SLOPET	SLOPET	
SNAG	Snag (Y or N)	
SUBSTRAT	Substrate particle size class	
TRANSPC	Intended transect spacing (m)	
UNITS	Slope measurement units	Slope measurement units (cm,percent)
WT_WID	Wetted width (m)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VERTMET	WEMPA Vertebrate Metrics	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
ACIP_PIND	Pro of Vrt Abn in the Family A	Proportion of Vertebrate Abundance in the Family Acipenseridae
AIR_PIND	Pro of Indvs that are Airbreat	Proportion of Individuals that are Airbreather
AIR_PTAX	Pro of All Sp that are Airbrea	Proportion of All Species that are Airbreather
AIR_RICH	Air Breathing Species Richness	Air Breathing Species Richness
ALIEN_FISH_NIND	Abundance of Alien Fish	Abundance of Alien Fish
ALIEN_FISH_PIND	Proportion of Individual Fish	Proportion of Individual Fish that are Alien
ALIEN_FISH_PTAX	Proportion of Fish Species	Proportion of Fish Species that are Alien
ALIEN_LOTC_PIN D	Proportion of Individuals	Proportion of Individuals that are Alien Lotic
ALIEN_LOTC_PTA X	Pro of All Species that	Proportion of All Species that are Alien Lotic
ALIEN_LOTC_RIC H	Alien Lotic Species Richness	Alien Lotic Species Richness
ALIEN_VERT_NIN D	Abundance of Alien Vertebrates	Abundance of Alien Vertebrates

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Row ID	Characteristic Name	Description
ALIEN_VERT_PIND	Pro of All Individuals that ar	Pro of All Individuals that are Alien
ALIEN_VERT_PTAX	Proportion of All Species that	Proportion of All Species that are Alien
ALIEN_VERT_RICH	Alien Vertebrate Species Richn	Alien Vertebrate Species Richness
AMBY_PIND	Proportion of Vertebrate Abund	Proportion of Vertebrate Abundance in the Family Ambystomatidae
AQUA_NAT_PIND	Proportion of Individuals that	Proportion of Individuals that are Native Aquatic
AQUA_NAT_PTAX	Pro of All Sp that are Native	Proportion of All Species that are Native Aquatic
AQUA_NAT_RICH	Native Aquatic Species Richnes	Native Aquatic Species Richness
BENT_NAT_PIND	Pro of Ind that are Native Ben	Proportion of Individuals that are Native Benthic
BENT_NAT_PTAX	Pro of All Sp that are NB	Proportion of All Species that are Native Benthic
BENT_NAT_RICH	Native Benthic Species Richnes	Native Benthic Species Richness
BENT_NT_NAT_PIND	Pro Ind that are Native Nontol	Proportion of Individuals that are Native Nontolerant Benthic
BENT_NT_NAT_PTAX	Pro Sp that are Native Nontol	Proportion of All Species that are Native Nontolerant Benthic
BENT_SEN_NAT_PIND	Pro of Ind Native Sens Ben	Proportion of Individuals that are Native Sensitive Benthic
BENT_SEN_NAT_PTAX	Pro of All Sp Native Sens Ben	Proportion of All Species that are Native Sensitive Benthic
BINV_NAT_NIND	Abundance of Native Benthic In	Abundance of Native Benthic Invertivore Individuals
BINV_NAT_PIND	Pro of Ind Native Benthic Inve	Proportion of Individuals that are Native Benthic Invertivores
BINV_NAT_PTAX	Pro All Spe Native Benthic Inv	Proportion of All Species that are Native Benthic Invertivores
BINV_NAT_RICH	Native Benthic Invertivore Spe	Native Benthic Invertivore Species Richness
BUFO_PIND	Pro of Vert Abund Family Bufon	Proportion of Vertebrate Abundance in the Family Bufonidae
CATOICT_NAT_NIND	Abundance of Native Catostomid	Abundance of Native Catostomids and Native Ictalurids
CATOICT_NAT_RICH	Native Catostomid and Ictaluri	Native Catostomid and Ictalurid Species Richness

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Row ID	Characteristic Name	Description
CH		
CATO_PIND	Pro of Vert Abund Family Catos	Proportion of Vertebrate Abundance in the Family Catostomidae
CAUD_PIND	Proportion of Order Caudata	Proportion of Vertebrate Abundance in the Order Caudata
CENT_PIND	Pro of Vrt Abn in the Family C	Proportion of Vertebrate Abundance in the Family Centrarchidae
CHELY_PIND	Pro of Vrt Abn in the Fam Chel	Proportion of Vertebrate Abundance in the Family Chelydridae
CLUP_PIND	Pro of Vrt Abn Family Clupeida	Proportion of Vertebrate Abundance in the Family Clupeidae
COLD_NAT_NIND	Abundance of Native Coldwater	Abundance of Native Coldwater Individuals
COLD_NAT_PIND	Pro of Indvs that are Ntv Cold	Proportion of Individuals that are Native Coldwater
COLD_NAT_PTAX	Pro of All Sp that are Ntv Col	Proportion of All Species that are Native Coldwater
COLD_NAT_RICH	Native Coldwater Species Richn	Native Coldwater Species Richness
COLD_NT_NAT_PIND	Pro of Indvs that are Ntv Nont	Proportion of Individuals that are Native Nontolerant Coldwater
COLD_NT_NAT_PTAX	Pro of All Sp that are Ntv Non	Proportion of All Species that are Native Nontolerant Coldwater
COLD_SEN_NAT_PIND	Pro of Indvs that are Ntv Sens	Proportion of Individuals that are Native Sensitive Coldwater
COLD_SEN_NAT_PTAX	Pro of All Sp that are Ntv Sen	Proportion of All Species that are Native Sensitive Coldwater
COLUB_PIND	Pro of Vrt Abn Family Colubrid	Proportion of Vertebrate Abundance in the Family Colubridae
COOL_NAT_PIND	Pro of Indvs that are Ntv Cool	Proportion of Individuals that are Native Coolwater
COOL_NAT_PTAX	Pro of All Sp that are Ntv Coo	Proportion of All Species that are Native Coolwater
COOL_NAT_RICH	Native Coolwater Species Richn	Native Coolwater Species Richness
COOL_NT_NAT_PIND	Pro of Indvs Ntv Nont Coolwat	Proportion of Individuals that are Native Nontolerant Coolwater
COOL_NT_NAT_PTAX	Pro of All Sp Ntv Nont Coolwat	Proportion of All Species that are Native Nontolerant Coolwater
COOL_SEN_NAT_PIND	Pro of Indvs Ntv Sens Coolwat	Proportion of Individuals that are Native Sensitive Coolwater
COOL_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Coolwat	Proportion of All Species that are Native Sensitive Coolwater

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Row ID	Characteristic Name	Description
PTAX		
COTT_PIND	Pro of Vrt Abn Family Cottidae	Proportion of Vertebrate Abundance in the Family Cottidae
CWRHEO_NAT_RICH	Native Coldwater Rheophilic Sp	Native Coldwater Rheophilic Species Richness
CYPR_PIND	Pro of Vrt Abn Family Cyprinid	Proportion of Vertebrate Abundance in the Family Cyprinidae
DICAMP_PIND	Pro of Vrt Abn Fam Dicamptodo	Proportion of Vertebrate Abundance in the Family Dicamptodontidae
EMYDID_PIND	Pro of Vrt Abn Fam Emydidae	Proportion of Vertebrate Abundance in the Family Emydidae
ESOC_PIND	Pro of Vrt Abn Fam Esocidae	Proportion of Vertebrate Abundance in the Family Esocidae
FAM_NAT_RICH	Ntv Vrt Fam Richness	Native Vertebrate Family Richness
FAM_RICH	Vertebrate Family Richness	Vertebrate Family Richness
FISH_NAT_RICH	Native Fish Species Richness	Native Fish Species Richness
FISH_NIND	Abundance of Fish	Abundance of Fish
FISH_RICH	Fish Species Richness	Fish Species Richness
FUND_PIND	Pro of Vrt Abn Fam Fundulidae	Proportion of Vertebrate Abundance in the Family Fundulidae
GADID_PIND	Pro of Vrt Abn Fam Gadidae	Proportion of Vertebrate Abundance in the Family Gadidae
GAST_PIND	Pro of Vrt Abn Fam Gasteroste	Proportion of Vertebrate Abundance in the Family Gasterosteidae
HERB_NAT_PIND	Pro of Indvs Ntv Herbivore	Proportion of Individuals that are Native Herbivore
HERB_NAT_PTAX	Pro of All Sp Ntv Herbivore	Proportion of All Species that are Native Herbivore
HERB_NAT_RICH	Native Herbivore Species Richn	Native Herbivore Species Richness
HERB_NT_NAT_PIND	Pro of Indvs Ntv Nont Herbivo	Proportion of Individuals that are Native Nontolerant Herbivore
HERB_NT_NAT_PTAX	Pro of All Sp Ntv Nont Herbiv	Proportion of All Species that are Native Nontolerant Herbivore
HERB_NT_PIND	Pro of Indvs Nont Herbivore	Proportion of Individuals that are Nontolerant Herbivore
HERB_NT_PTAX	Pro of All Sp Nont Herbivore	Proportion of All Species that are Nontolerant Herbivore
HERB_PIND	Pro of Indvs Herbivore	Proportion of Individuals that are Herbivore
HERB_PTAX	Pro of All Sp Herbivore	Proportion of All Species that are Herbivore
HERB_RICH	Herbivore Species Richness	Herbivore Species Richness

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Row ID	Characteristic Name	Description
HERB_SEN_NAT_PIND	Pro of Indvs Ntv Sens Herbivo	Proportion of Individuals that are Native Sensitive Herbivore
HERB_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Herbiv	Proportion of All Species that are Native Sensitive Herbivore
HERB_SEN_PIND	Pro of Indvs Sens Herbivore	Proportion of Individuals that are Sensitive Herbivore
HERB_SEN_PTAX	Pro of All Sp Sens Herbivore	Proportion of All Species that are Sensitive Herbivore
HIDE_NAT_PIND	Pro of Indvs Ntv Hider	Proportion of Individuals that are Native Hider
HIDE_NAT_PTAX	Pro of All Sp Ntv Hider	Proportion of All Species that are Native Hider
HIDE_NAT_RICH	Native Hider Species Richness	Native Hider Species Richness
HIDE_NT_NAT_PIND	Pro of Indvs Ntv Nont Hider	Proportion of Individuals that are Native Nontolerant Hider
HIDE_NT_NAT_PTAX	Pro of All Sp Ntv Nont Hider	Proportion of All Species that are Native Nontolerant Hider
HIDE_SEN_NAT_PIND	Pro of Indvs Ntv Sens Hider	Proportion of Individuals that are Native Sensitive Hider
HIDE_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Hider	Proportion of All Species that are Native Sensitive Hider
HIOD_PIND	Pro of Vrt Abn Fam Hiodontida	Proportion of Vertebrate Abundance in the Family Hiodontidae
HYLI_PIND	Pro of Vrt Abn Fam Hylidae	Proportion of Vertebrate Abundance in the Family Hylidae
ICTA_PIND	Pro of Vrt Abn Fam Ictalurida	Proportion of Vertebrate Abundance in the Family Ictaluridae
INVCYPR_NIND	Abn of Cyprinid Invertivores	Abundance of Cyprinid Invertivores
INVCYPR_PIND	Pro of Indvs Cyprinid Inverti	Proportion of Individuals that are Cyprinid Invertivores
INVCYPR_PTAX	Pro of All Sp Cyprinid Invert	Proportion of All Species that are Cyprinid Invertivores
INVCYPR_RICH	Cyprinid Invertivore Sp Richne	Cyprinid Invertivore Species Richness
INVPISC_NAT_PIND	Pro of Indvs Ntv Invertivore/	Proportion of Individuals that are Native Invertivore/Piscivore
INVPISC_NAT_PTAX	Pro of All Sp Ntv Invertivore	Proportion of All Species that are Native Invertivore/Piscivore
INVPISC_NAT_RICH	Ntv Invertivore/Piscivore Sp R	Native Invertivore/Piscivore Species Richness

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Row ID	Characteristic Name	Description
INVPIISC_NT_NAT_PIND	Pro of Indvs Ntv Nont Inverti	Proportion of Individuals that are Native Nontolerant Invertivore/Piscivore
INVPIISC_NT_NAT_PTAX	Pro of All Sp Ntv Nont Invert	Proportion of All Species that are Native Nontolerant Invertivore/Piscivore
INVPIISC_NT_PIND	Pro of Indvs Nont Invertivore	Proportion of Individuals that are Nontolerant Invertivore/Piscivore
INVPIISC_NT_PTA X	Pro of All Sp Nont Invertivor	Proportion of All Species that are Nontolerant Invertivore/Piscivore
INVPIISC_PIND	Pro of Indvs Invertivore/Pisc	Proportion of Individuals that are Invertivore/Piscivore
INVPIISC_PTAX	Pro of All Sp Invertivore/Pis	Proportion of All Species that are Invertivore/Piscivore
INVPIISC_RICH	Invertivore/Piscivore Sp Richn	Invertivore/Piscivore Species Richness
INVPIISC_SEN_NA T_PIND	Pro of Indvs Ntv Sens Inverti	Proportion of Individuals that are Native Sensitive Invertivore/Piscivore
INVPIISC_SEN_NA T_PTAX	Pro of All Sp Ntv Sens Invert	Proportion of All Species that are Native Sensitive Invertivore/Piscivore
INVPIISC_SEN_PIN D	Pro of Indvs Sens Invertivore	Proportion of Individuals that are Sensitive Invertivore/Piscivore
INVPIISC_SEN_PT AX	Pro of All Sp Sens Invertivor	Proportion of All Species that are Sensitive Invertivore/Piscivore
INV_NAT_PIND	Pro of Indvs Ntv Invertivore	Proportion of Individuals that are Native Invertivore
INV_NAT_PTAX	Pro of All Sp Ntv Invertivor	Proportion of All Species that are Native Invertivore
INV_NAT_RICH	Ntv Invertivore Sp Richness	Native Invertivore Species Richness
INV_NT_NAT_PIN D	Pro of Indvs Ntv Nont Invert	Proportion of Individuals that are Native Nontolerant Invertivore
INV_NT_NAT_PTA X	Pro of All Sp Ntv Nont Invert.	Proportion of All Species that are Native Nontolerant Invertivore
INV_NT_PIND	Pro of Indvs Nont Invertivore	Proportion of Individuals that are Nontolerant Invertivore
INV_NT_PTAX	Pro of All Sp Nont Invertivore	Proportion of All Species that are Nontolerant Invertivore
INV_PIND	Pro of Indvs Invertivore	Proportion of Individuals that are Invertivore
INV_PTAX	Pro of All Sp Invertivore	Proportion of All Species that are Invertivore
INV_RICH	Invertivore Species Richness	Invertivore Species Richness

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Row ID	Characteristic Name	Description
INV_SEN_NAT_PIND	Pro of Indvs Ntv Sens Invertiv	Proportion of Individuals that are Native Sensitive Invertivore
INV_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Inverti	Proportion of All Species that are Native Sensitive Invertivore
INV_SEN_PIND	Pro of Indvs Sens Invertivore	Proportion of Individuals that are Sensitive Invertivore
INV_SEN_PTAX	Pro of All Sp Sens Invertivore	Proportion of All Species that are Sensitive Invertivore
KINO_PIND	Pro of Vrt Abn Fam Kinosterni	Proportion of Vertebrate Abundance in the Family Kinosternidae
LEIO_PIND	Pro of Vrt Abn Fam Leiopelmat	Proportion of Vertebrate Abundance in the Family Leiopelmatidae
LEPISO_PIND	Pro of Vrt Abn Fam Lepisoste	Proportion of Vertebrate Abundance in the Family Lepisosteidae
LITH_NAT_NIND	Abn of Ntv Lithophilic Indvs	Abundance of Native Lithophilic Individuals
LITH_NAT_PIND	Pro of Indvs Ntv Lithophils	Proportion of Individuals that are Native Lithophils
LITH_NAT_PTAX	Pro of All Sp Ntv Lithophils	Proportion of All Species that are Native Lithophils
LITH_NAT_RICH	Ntv Lithophilic Sp Richness	Native Lithophilic Species Richness
LITH_NIND	Abundance of Lithophilic Indvs	Abundance of Lithophilic Individuals
LITH_PIND	Pro of Indvs Lithophils	Proportion of Individuals that are Lithophils
LITH_PTAX	Pro of All Sp Lithophils	Proportion of All Species that are Lithophils
LITH_RICH	Lithophilic Species Richness	Lithophilic Species Richness
LONG_NAT_PIND	Pro of Indvs Ntv Long-lived	Proportion of Individuals that are Native Long-lived
LONG_NAT_PTAX	Pro of All Sp Ntv Long-lived	Proportion of All Species that are Native Long-lived
LONG_NAT_RICH	Native Long-lived Species Rich	Native Long-lived Species Richness
LONG_NT_NAT_PIND	Pro of Indvs Ntv Nont Long-li	Proportion of Individuals that are Native Nontolerant Long-lived
LONG_NT_NAT_PTAX	Pro of All Sp Ntv Nont Long-l	Proportion of All Species that are Native Nontolerant Long-lived
LONG_SEN_NAT_PIND	Pro of Indvs Ntv Sens Long-li	Proportion of Individuals that are Native Sensitive Long-lived
LONG_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Long-l	Proportion of All Species that are Native Sensitive Long-lived
LOTIC_NAT_PIND	Pro of Indvs Ntv Lotic	Proportion of Individuals that are Native Lotic

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Row ID	Characteristic Name	Description
LOTC_NAT_PTAX	Pro of All Sp Ntv Lotic	Proportion of All Species that are Native Lotic
LOTC_NAT_RICH	Native Lotic Species Richness	Native Lotic Species Richness
LOTC_NT_NAT_PI ND	Pro of Indvs Ntv Nont Lotic	Proportion of Individuals that are Native Nontolerant Lotic
LOTC_NT_NAT_PT AX	Pro of All Sp Ntv Nont Lotic	Proportion of All Species that are Native Nontolerant Lotic
LOTC_SEN_NAT_ PIND	Pro of Indvs Ntv Sens Lotic	Proportion of Individuals that are Native Sensitive Lotic
LOTC_SEN_NAT_ PTAX	Pro of All Sp Ntv Sens Lotic	Proportion of All Species that are Native Sensitive Lotic
NEST_NIND	Abn of Non-Lithophilic Nest	Abundance of Non-Lithophilic Nest Guarding Individuals
NEST_PIND	Pro of Indvs Non-Lithophilic	Proportion of Individuals that are Non-Lithophilic Nest Guardians
NEST_PTAX	Pro of All Sp Non-Lithophilic	Proportion of All Species that are Non-Lithophilic Nest Guardians
NEST_RICH	Non-Lithophilic Nest Guarding	Non-Lithophilic Nest Guarding Species Richness
NT_RICH	Non-Tolerant Species Richness	Non-Tolerant Species Richness
OMNI_PIND	Pro of Indvs Omnivore	Proportion of Individuals that are Omnivore
OMNI_PTAX	Pro of All Sp Omnivore	Proportion of All Species that are Omnivore
OMNI_RICH	Omnivore Species Richness	Omnivore Species Richness
PCT_SAMP	Percent of Sampled Transpaces	Percent of Sampled Transpaces Fished
PERCICH_PIND	Pro of Vrt Abn Fam Percichthy	Proportion of Vertebrate Abundance in the Family Percichthyidae
PERCOP_PIND	Pro of Vrt Abn Fam Percopsidae	Proportion of Vertebrate Abundance in the Family Percopsidae
PERC_PIND	Pro of Vrt Abn Fam Percidae	Proportion of Vertebrate Abundance in the Family Percidae
PETRO_PIND	Pro of Vrt Abn Fam Petromyzon	Proportion of Vertebrate Abundance in the Family Petromyzontidae
PIPI_PIND	Pro of Vrt Abn Fam Pipidae	Proportion of Vertebrate Abundance in the Family Pipidae
PISC_NAT_PIND	Pro of Indvs Ntv Piscivore	Proportion of Individuals that are Native Piscivore
PISC_NAT_PTAX	Pro of All Sp Ntv Piscivore	Proportion of All Species that are Native Piscivore
PISC_NAT_RICH	Ntv Piscivore Sp Richness	Native Piscivore Species Richness
PISC_NT_NAT_PI	Pro of Indvs Ntv Nont Piscivo	Proportion of Individuals that are Native Nontolerant Piscivore

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Row ID	Characteristic Name	Description
ND		
PISC_NT_NAT_PT AX	Pro of All Sp Ntv Nont Pisciv	Proportion of All Species that are Native Nontolerant Piscivore
PISC_NT_PIND	Pro of Indvs Nont Piscivore	Proportion of Individuals that are Nontolerant Piscivore
PISC_NT_PTAX	Pro of All Sp Nont Piscivore	Proportion of All Species that are Nontolerant Piscivore
PISC_PIND	Pro of Indvs Piscivore	Proportion of Individuals that are Piscivore
PISC_PTAX	Pro of All Sp Piscivore	Proportion of All Species that are Piscivore
PISC_RICH	Piscivore Species Richness	Piscivore Species Richness
PISC_SEN_NAT_P IND	Pro of Indvs Ntv Sens Piscivo	Proportion of Individuals that are Native Sensitive Piscivore
PISC_SEN_NAT_P TAX	Pro of All Sp Ntv Sens Pisc	Proportion of All Species that are Native Sensitive Piscivore
PISC_SEN_PIND	Pro of Indvs Sens Piscivore	Proportion of Individuals that are Sensitive Piscivore
PISC_SEN_PTAX	Pro of All Sp Sens Piscivore	Proportion of All Species that are Sensitive Piscivore
POECIL_PIND	Pro of Vrt Abn Fam Poeciliida	Proportion of Vertebrate Abundance in the Family Poeciliidae
RANI_PIND	Pro of Vrt Abn Fam Ranidae	Proportion of Vertebrate Abundance in the Family Ranidae
RHEO_NAT_PIND	Pro of Indvs Ntv Rheophilic	Proportion of Individuals that are Native Rheophilic
RHEO_NAT_PTAX	Pro of All Sp Ntv Rheophilic	Proportion of All Species that are Native Rheophilic
RHEO_NAT_RICH	Native Rheophilic Species Rich	Native Rheophilic Species Richness
RHEO_NT_NAT_PI ND	Pro of Indvs Ntv Nont Rheophi	Proportion of Individuals that are Native Nontolerant Rheophilic
RHEO_NT_NAT_P TAX	Pro of All Sp Ntv Nont Rheoph	Proportion of All Species that are Native Nontolerant Rheophilic
RHEO_SEN_NAT_ PIND	Pro of Indvs Ntv Sens Rheophi	Proportion of Individuals that are Native Sensitive Rheophilic
RHEO_SEN_NAT_ PTAX	Pro of All Sp Ntv Sens Rheoph	Proportion of All Species that are Native Sensitive Rheophilic
RHEO_SEN_PIND	Pro of Indvs Sens Rheophilic	Proportion of Individuals that are Sensitive Rheophilic
RHEO_SEN_PTAX	Pro of All Sp Sens Rheophilic	Proportion of All Species that are Sensitive Rheophilic

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Row ID	Characteristic Name	Description
RHYACO_PIND	Pro of Vrt Abn Fam Rhyacotrit	Proportion of Vertebrate Abundance in the Family Rhyacotritonidae
RIVR_NAT_PIND	Pro of Indvs Ntv Large River	Proportion of Individuals that are Native Large River
RIVR_NAT_PTAX	Pro of All Sp Ntv Large River	Proportion of All Species that are Native Large River
RIVR_NAT_RICH	Native Large River Species Ric	Native Large River Species Richness
RIVR_NT_NAT_PIND	Pro of Indvs Ntv Nont Large R	Proportion of Individuals that are Native Nontolerant Large River
RIVR_NT_NAT_PTAX	Pro of All Sp Ntv Nont Large	Proportion of All Species that are Native Nontolerant Large River
RIVR_SEN_NAT_PIND	Pro of Indvs Ntv Sens Large R	Proportion of Individuals that are Native Sensitive Large River
RIVR_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Large	Proportion of All Species that are Native Sensitive Large River
SALAM_PIND	Pro of Vrt Abn Fam Salamandri	Proportion of Vertebrate Abundance in the Family Salamandridae
SALMON_ALIEN_PIND	Pro of Vrt Abn Alien Salmonid	Proportion of Vertebrate Abundance that are Alien Salmonidae
SALMON_PIND	Pro of Vrt Abn Fam Salmonidae	Proportion of Vertebrate Abundance in the Family Salmonidae
SAMPLED_VERTS	New Completeness of Vrt Sample	New Completeness of Vertebrate Sample
SCIAEN_PIND	Pro of Vrt Abn Fam Sciaenidae	Proportion of Vertebrate Abundance in the Family Sciaenidae
SENS_NAT_PIND	Pro of Indvs Ntv Sens	Proportion of Individuals that are Native Sensitive
SENS_NAT_PTAX	Pro of All Sp Ntv Sens	Proportion of All Species that are Native Sensitive
SENS_NAT_RICH	Ntv Sens Sp Richness	Native Sensitive Species Richness
SPAWN_GEN_NIND	Abn of Generalist Spawner Indv	Abundance of Generalist Spawner Individuals
SPAWN_GEN_PIND	Pro of Indvs Generalist Spawn	Proportion of Individuals that are Generalist Spawners
SPAWN_GEN_PTAX	Pro of All Sp Generalist Spaw	Proportion of All Species that are Generalist Spawners
SPAWN_GEN_RICH	Generalist Spawner Sp Richness	Generalist Spawner Species Richness
SPAWN_SEN_NIND	Abn of Sens Spawning Indvs	Abundance of Sensitive Spawning Individuals

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EPA National Aquatic Resource Survey Data

Row ID	Characteristic Name	Description
D		
SPAWN_SEN_PIN D	Pro of Indvs Sens Spawners	Proportion of Individuals that are Sensitive Spawners
SPAWN_SEN_PTA X	Pro of All Sp Sens Spawners	Proportion of All Species that are Sensitive Spawners
SPAWN_SEN_RIC H	Sens Spawner Sp Richness	Sensitive Spawner Species Richness
SUP_TOL_PIND	Pro of Indvs Super Tolerant	Proportion of Individuals that are Super Tolerant
SUP_TOL_PTAX	Pro of All Sp Super Tolerant	Proportion of All Species that are Super Tolerant
SUP_TOL_RICH	Super Tolerant Species Richnes	Super Tolerant Species Richness
TERR_NAT_PIND	Pro of Indvs Ntv Terrestrial	Proportion of Individuals that are Native Terrestrial
TERR_NAT_PTAX	Pro of All Sp Ntv Terrestrial	Proportion of All Species that are Native Terrestrial
TESTUD_PIND	Pro of Vrt Abn Order Testudin	Proportion of Vertebrate Abundance in the Order Testudine
TE_PIND	Pro of Indvs Threatened & End	Proportion of Individuals that are Threatened & Endangered
TE_PTAX	Pro of All Sp Threatened & En	Proportion of All Species that are Threatened & Endangered
TE_RICH	Threatened & Endangered Sp Ric	Threatened & Endangered Species Richness
TOL_PIND	Pro of Indvs Tolerant	Proportion of Individuals that are Tolerant
TOL_PTAX	Pro of All Sp Tolerant	Proportion of All Species that are Tolerant
TOL_RICH	Tolerant Species Richness	Tolerant Species Richness
UMBRID_PIND	Pro of Vrt Abn Fam Umbridae	Proportion of Vertebrate Abundance in the Family Umbridae
VAGIL_NAT_PIND	Pro of Indvs Ntv Migrating	Proportion of Individuals that are Native Migrating
VAGIL_NAT_PTAX	Pro of All Sp Ntv Migrating	Proportion of All Species that are Native Migrating
VAGIL_NAT_RICH	Ntv Migrating Sp Richness	Native Migrating Species Richness
VAGIL_NT_NAT_PI ND	Pro of Indvs Ntv Nont Migrati	Proportion of Individuals that are Native Nontolerant Migrating
VAGIL_NT_NAT_P TAX	Pro of All Sp Ntv Nont Migrat	Proportion of All Species that are Native Nontolerant Migrating
VAGIL_SEN_NAT_ PIND	Pro of Indvs Ntv Sens Migrati	Proportion of Individuals that are Native Sensitive Migrating

Characteristic Group Details

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Row ID	Characteristic Name	Description
VAGIL_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Mirgra	Proportion of All Species that are Native Sensitive Migrating
VERT_NAT_RICH	Ntv Vrt Sp Richness	Native Vertebrate Species Richness
VERT_NIND	Abundance of all Vertebrates	Abundance of all Vertebrates
VERT_RICH	Vertebrate Species Richness	Vertebrate Species Richness
VERT_SAMP2	Comment on Completeness of Vrt	Comment on Completeness of Vertebrate Sample
VIPER_PIND	Pro of Vrt Abn Fam Viperidae	Proportion of Vertebrate Abundance in the Family Viperidae
WCOL_NAT_PIND	Pro of Indvs Ntv Water Column	Proportion of Individuals that are Native Water Column
WCOL_NAT_PTAX	Pro of All Sp Ntv Water Colum	Proportion of All Species that are Native Water Column
WCOL_NAT_RICH	Ntv Water Column Sp Richness	Native Water Column Species Richness
WCOL_NT_NAT_PIND	Pro of Indvs Ntv Nont Water C	Proportion of Individuals that are Native Nontolerant Water Column
WCOL_NT_NAT_PTAX	Pro of All Sp Ntv Nont Water	Proportion of All Species that are Native Nontolerant Water Column
WCOL_SEN_NAT_PIND	Pro of Indvs Ntv Sens Water C	Proportion of Individuals that are Native Sensitive Water Column
WCOL_SEN_NAT_PTAX	Pro of All Sp Ntv Sens Water	Proportion of All Species that are Native Sensitive Water Column

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
WSACHEM	Chemistry Parameters	Sample	Water						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CA	Calcium	ueq/L	Dissolved	Actual					215.1	
CL	Chloride	ueq/L	Dissolved	Actual						
COLOR	Color, True	PCU		Actual					11250	
COND	Specific conductance	uS/cm		Actual						
DIC	Carbon, inorganic	mg/l	Dissolved	Actual					415.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DOC	Carbon, organic	mg/l	Dissolved	Actual					415.2	
K	Potassium	ueq/L	Dissolved	Actual					258.1	
MG	Magnesium	ueq/L	Dissolved	Actual					242.1	
NA	Sodium	ueq/L	Dissolved	Actual					273.1	
NH4	Nitrogen, ammonia as N	ueq/L	Dissolved	Actual					350.1	
NO3	Nitrogen, Nitrate (NO3) as N	ueq/L	Dissolved	Actual					300(A)	
PH	pH	None		Actual						
SE	Selenium	ug/l	Dissolved	Actual					270.2	
SIO2	Silica	ug/l	Dissolved	Actual						
SO4	Sulfur, sulfate (SO4) as S	ueq/L	Dissolved	Actual					300(A)	
TEMP	Temperature, water	deg C		Actual						
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
TURB	Turbidity	NTU		Actual					180.1	
ZN	Zinc	ug/l	Dissolved	Actual					289.1	
	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)									
	Phosphorus as P									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WSAHAB_G	Glide/Pool Rpd Habitat Assessm	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BANKSTBL	RBP2, Low G, Bank Stability, Left Bank									
BANKSTBR	RBP2, Low G, Bank Stability, Right Bank									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHANALT	RBP2, Low G, Channel Alteration									
CHANFLS	RBP2, Low G, Channel Flow Status									
CHANSIN	RBP2, Low G, Channel Sinuosity									
EMBEDDED	RBP2, High G, Embeddedness									
EPIF-SUB	RBP2, Low G, Epifaunal Substrate/Available Cover									
FREQ_RIFF	RBP2, High G, Frequency of Riffles (or bends)									
POOLSUB	RBP2, Low G, Pool Substrate Characterization									
POOLVAR	RBP2, Low G, Pool Variability									
RHSUM	RBP2, Low G, Habitat Assessment Total Score	None		Calculated						
RIPAVL	RBP2, Low G, Riparian Vegetative Zone Width, Left Bank									
RIPAVR	RBP2, Low G, Riparian Vegetative Zone Width, Right Bank									
SEDIDEP	RBP2, Low G, Sediment Deposition									
VEG_PROL	RBP2, Low G, Vegetative Protection, Left Bank									
VEG_PROR	RBP2, Low G, Vegetative Protection, Right Bank									
VELOCITY	RBP2, High G, Velocity/Depth Regime									

Characteristic Group Details

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WSAHAB_R	Riffle/Run Rap. Hab. Assessmnt	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BANKSTBL	RBP2, High G, Bank Stability, Left Bank									
BANKSTBR	RBP2, High G, Bank Stability, Right Bank									
CHANALT	RBP2, High G, Channel Alteration									
CHANFLS	RBP2, High G, Channel Flow Status									
EMBEDDED	RBP2, High G, Embeddedness									
EPIF-SUB	RBP2, High G, Epifaunal Substrate/Available Cover									
FREQ_RIFF	RBP2, High G, Frequency of Riffles (or bends)									
RHSUM	RBP2, Low G, Habitat Assessment Total Score	None		Calculated						
RIPAVL	RBP2, High G, Riparian Vegetative Zone Width, Left Bank									
RIPAVR	RBP2, High G, Riparian Vegetative Zone Width, Right Bank									
SEDIDEP	RBP2, High G, Sediment Deposition									
VEG_PROL	RBP2, High G, Vegetative Protection, Left Bank									
VEG_PROR	RBP2, High G, Vegetative Protection, Right Bank									
VELOCITY	RBP2, High G, Velocity/Depth Regime									

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group			Habitat	
WSAINSTU	In-Situ Measurements	Field Msr/Obs	Water						N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
QCCSCOND	Specific conductance	uS/cm		Actual						
STRMCOND	Specific conductance	uS/cm		Actual						
STRMTEMP	Temperature, water	deg C		Actual						
STRM_DO	Dissolved oxygen (DO)	mg/l		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FALL-00	LOW FLOW RESULTS 2000	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nickel	mg/l	Total	Actual						
	Manganese	mg/l	Total	Actual						
	Iron	mg/l	Total	Actual						
	Boron	mg/l	Total	Actual						
	Barium	mg/l	Total	Actual						
	Aluminum	mg/l	Total	Actual						
	Sulfur, sulfate (SO4) as S	mg/l	Total	Actual						
	Chloride	mg/l	Total	Actual						
	Sodium	mg/l	Total	Actual						
	Magnesium	mg/l	Total	Actual						
	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual						
	Strontium	mg/l		Actual						
	Silicon as Si	mg/l		Actual						
	Phosphorus	mg/l		Actual						
	Lithium	mg/l		Actual						
	Gold	mg/l		Actual						
	Cobalt	mg/l		Actual						
	Phosphorus, hydrolyzable as P	mg/l		Actual						
	Phosphorus, orthophosphate as P	mg/l		Actual						
	Nitrogen, ammonia as N	mg/l		Actual						
	Nitrogen, Kjeldahl	mg/l		Actual						
	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Potassium	mg/l		Actual						
	Sulfur	mg/l		Actual						
	Hardness, carbonate	mg/l		Actual						
	Calcium	mg/l		Actual						
	Zinc	mg/l		Actual						
	Carbon, Total Organic (Toc)	ppm		Actual						
	Solids, Total Suspended (TSS)	ppm		Actual						
	Specific conductance	umho/cm		Actual						
	Temperature, water	deg C		Actual						
	pH	None		Actual						
	Dissolved oxygen (DO)	mg/l		Actual						
	Precipitation	in		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FALL-01	Low-Flow Results Fall 2001	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Carbon, Total Organic (Toc)			Actual						
	Nitrogen, Nitrate (NO3) as N			Actual						
	Phosphorus			Actual						
	Chloride			Actual						
	Sulfur, sulfate (SO4) as SO4			Actual						
	Specific conductance			Actual						
	Hardness, carbonate			Actual						
	Ammonia, unionized			Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)			Actual						
	Temperature, water			Actual						
	pH			Actual						
	Dissolved oxygen (DO)			Actual						
	Precipitation			Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FALL-03	Low Flow Results Sept. 2003	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chloride	mg/l	Total	Actual						
	Nitrogen, ammonia as N	mg/l	Total	Actual						
	Zinc	mg/l	Total	Actual						
	Vanadium	mg/l	Total	Actual						
	Tin	mg/l	Total	Actual						
	Thallium	mg/l	Total	Actual						
	Sulfur	mg/l	Total	Actual						
	Strontium	mg/l	Total	Actual						
	Sodium	mg/l	Total	Actual						
	Silver	mg/l	Total	Actual						
	Silicon as Si	mg/l	Total	Actual						
	Selenium	mg/l	Total	Actual						
	Potassium	mg/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Phosphorus as P	mg/l	Total	Actual						
	Nickel	mg/l	Total	Actual						
	Manganese	mg/l	Total	Actual						
	Magnesium	mg/l	Total	Actual						
	Lithium	mg/l	Total	Actual						
	Lead	mg/l	Total	Actual						
	Iron	mg/l	Total	Actual						
	Gold	mg/l	Total	Actual						
	Copper	mg/l	Total	Actual						
	Cobalt	mg/l	Total	Actual						
	Chromium	mg/l	Total	Actual						
	Calcium	mg/l	Total	Actual						
	Cadmium	mg/l	Total	Actual						
	Boron	mg/l	Total	Actual						
	Beryllium	mg/l	Total	Actual						
	Barium	mg/l	Total	Actual						
	Arsenic	mg/l	Total	Actual						
	Antimony	mg/l	Total	Actual						
	Aluminum	mg/l	Total	Actual						
	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual						
	Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	mg/l	Total	Actual						
	Phosphorus	mg/l	Total	Actual						
	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
	Hardness, carbonate	mg/l		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						
	Alkalinity, Total (total	mg/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	hydroxide+carbonate+bicarbonat e)									
	Specific conductance	umho/cm		Actual						
	Temperature, water	deg F		Actual						
	pH	None		Actual						
	Dissolved oxygen (DO)	mg/l		Actual						
	Estradiol	mg/l		Actual						
	Fecal Coliform	cfu/100ml		Actual						
	Precipitation	in		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FALL-98	Low Flow Results-Oct. 1998	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Aluminum	mg/l	Total	Actual						
	Phosphorus	mg/l	Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Carbon, organic	mg/l	Total	Actual						
	Fluorides	mg/l	Total	Actual						
	Chloride	mg/l	Total	Actual						
	Hardness, carbonate	mg/l	Total	Actual						
	Antimony	mg/l	Total	Actual						
	Zinc	mg/l	Total	Actual						
	Vanadium	mg/l	Total	Actual						
	Tin	mg/l	Total	Actual						

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NKUWATER

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Strontium	mg/l	Total	Actual						
	Sodium	mg/l	Total	Actual						
	Selenium	mg/l	Total	Actual						
	Potassium	mg/l	Total	Actual						
	Nickel	mg/l	Total	Actual						
	Molybdenum	mg/l	Total	Actual						
	Manganese	mg/l	Total	Actual						
	Mercury	mg/l	Total	Actual						
	Magnesium	mg/l	Total	Actual						
	Lead	mg/l	Total	Actual						
	Iron	mg/l	Total	Actual						
	Copper	mg/l	Total	Actual						
	Cobalt	mg/l	Total	Actual						
	Chromium	mg/l	Total	Actual						
	Cadmium	mg/l	Total	Actual						
	Beryllium	mg/l	Total	Actual						
	Barium	mg/l	Total	Actual						
	Arsenic	mg/l	Total	Actual						
	Nitrogen, ammonia (NH3) as NH3	mg/l		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						
	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
	Phosphorus, orthophosphate as P	mg/l		Actual						
	Nitrogen, Nitrite (NO2) as NO2	mg/l		Actual						
	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
	Bromide	mg/l		Actual						
	Specific conductance	umho/cm		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual						
	Calcium	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FALL-99	LOW FLOW RESULTS- SEP-1999	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual						
	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Chloride	mg/l	Total	Actual						
	Hardness, carbonate	mg/l	Total	Actual						
	Phosphorus	mg/l	Total Recovrble	Actual						
	Carbon, Total Organic (Toc)	mg/l		Actual						
	Phosphorus, orthophosphate as P	mg/l		Actual						
	Phosphorus, orthophosphate as PO4	mg/l		Actual						
	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual						
	Sulfur, sulfate (SO4) as SO4	mg/l		Actual						
	Nitrogen, ammonia as N	mg/l		Actual						
	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Specific conductance	umho/cm		Actual						
	Solids, Total Suspended (TSS)	mg/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FEC-02	FECAL_2002	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform			Actual						
	Temperature, water			Actual						
	pH			Actual						
	Dissolved oxygen (DO)			Actual						
	Precipitation			Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FEC-03	FECAL_2003	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	cfu/100ml		Actual						
	Specific conductance	umho/cm		Actual						
	Temperature, water	deg C		Actual						
	pH	None		Actual						
	Dissolved oxygen (DO)	mg/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Precipitation	in		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FEC-03B	Fecal 2003 cfu only	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	cfu/100ml		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FEC-8/01	Fecal/E.coli-Aug-01	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	cfu/100ml		Actual						
	Escherichia	cfu/100ml		Actual						
	Temperature, water			Actual						
	pH	None		Actual						
	Dissolved oxygen (DO)	mg/l		Actual						
	Precipitation	in		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FECAL-00	FECAL 2000	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	cfu/100ml		Actual						
	Fecal Streptococcus Group Bacteria	cfu/100ml		Actual						
	Coliform/Strep Ratio, Fecal	None		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FECAL-01	FECAL-01-Jul	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Streptococcus Group Bacteria			Actual						
	Coliform/Strep Ratio, Fecal			Actual						
	Fecal Coliform			Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FECAL-98	FECAL RESULTS JUL. 1998	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Temperature, water	deg C		Actual						
	pH	None		Actual						
	Dissolved oxygen (DO)	mg/l		Actual						
	Precipitation	in		Actual						
	Fecal Coliform	cfu/100ml		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FECAL-99	Fecal Results- Jul. 1999	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Streptococcus Group Bacteria	cfu/100ml		Actual						
	Coliform/Strep Ratio, Fecal	None		Actual						
	Fecal Coliform	cfu/100ml		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST- 98	Pesticide Results- May 1998	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Atrazine	ug/l		Actual						
	Metolachlor	ug/l		Actual						
	Chlorpyrifos-methyl	ug/l		Actual						
	Alachlor	ug/l		Actual						
	2,4-D, Dichlorophenoxyacetic acid	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST-00	PEST RESULTS 2000	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Atrazine	ug/l		Actual						
	Metolachlor	ug/l		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST-01	PESTICIDE 2001	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Metolachlor			Actual						
	Atrazine	ug/l		Actual						
	Temperature, water			Actual						
	pH			Actual						
	Dissolved oxygen (DO)			Actual						
	Flow			Actual						
	Acceptable Range	0.00000 - 0.00000								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST-99	PESTICIDE RESULTS- MAY 1999	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Atrazine	ug/l		Actual						
	Chlorpyrifos-methyl	ug/l		Actual						
	2,4-D, Dichlorophenoxyacetic	ug/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	acid									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SPR. 03	Spring Results May 2003	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	cfu/100ml		Actual						
	Specific conductance	umho/cm		Actual						
	Temperature, water			Actual						
	pH	None		Actual						
	Dissolved oxygen (DO)	mg/l		Actual						
	Precipitation	in		Actual						

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OKCONCOM

Oklahoma Conservation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BAC1	Bacteria-One	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Enterococcus Group Bacteria			Actual						
	Escherichia coli			Actual						
	Fecal Coliform	cfu/100ml		Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ROWEN1	Rowen-Geoff	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Zinc			Actual						
	Nickel			Actual						
	Manganese			Actual						
	Magnesium			Actual						
	Iron			Actual						
	Calcium			Actual						
	Aluminum			Actual						
	Acidity as CaCO3			Actual						
	Sulfur, sulfate (SO4) as SO4			Actual						
	Chloride			Actual						

Characteristic Group Details

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OKCORCOM Oklahoma Corporation Commission

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHRGRP	Char tested by OKCORPCOM	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS	Arsenic	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 999,999.00000 mg/l								
B	Benzene	ug/l		Actual						
	Acceptable Range	0.00000 - 999,999.00000 ug/l								
BA	Barium	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 999,999.00000 mg/l								
BORON	Boron	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 999,999.00000 mg/l								
BR	Bromine	ppm	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 99,999.00000 ppm								
CA	Calcium	ppm	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 999,999.00000 ppm								
CL	Chlorine	ppm		Actual						
	Acceptable Range	0.00000 - 9,999,999.00000 ppm								
CR	Chromium	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 99,999,999.00000 mg/l								
DRO	Diesel range organics	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/l								
E	Ethylbenzene	ug/l		Actual						
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
EC	Specific conductance	mho/cm		Actual						
	Acceptable Range	0.00000 - 99,999,999.00000 mho/cm								
FIELD_TDS	Solids, Dissolved	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/l								
GSO	Gasoline range organics	ug/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
HCO3	Bicarbonate	ppm		Actual						
	Acceptable Range	0.00000 - 999,999.00000 ppm								

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OKCORCOM Oklahoma Corporation Commission

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
K	Potassium	ppm		Actual						
	Acceptable Range	0.00000 - 9,999,999.00000 ppm								
MG	Magnesium	ppm	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 ppm								
NA	Sodium	ppm	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 ppm								
NAPHTHALENE	Naphthalene	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/l								
NITRATE-N	Nitrogen, Nitrate (NO3) as N	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/l								
PB	Lead	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/l								
PH	pH	None		Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 None								
SO4	Sulfur, sulfate (SO4) as SO4	ppm		Actual						
	Acceptable Range	0.00000 - 9,999,999.00000 ppm								
T	Toluene	ug/l		Actual						
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								
TOTLSOL	Solids, Total	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/l								
TPH	Hydrocarbons, Petroleum (Unspecified Mix)	mg/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 mg/l								
TURBIDITY	Turbidity	NTU	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 NTU								
X	Xylenes mix of m + o + p	ug/l	Total	Actual					CC-001	
	Acceptable Range	0.00000 - 9,999,999.00000 ug/l								

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OKDAFF Oklahoma Dept. of Agriculture, Food and Forestry

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHRGRP	Characteristic tested by ODAFF	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FECAL_COLIFOR M	Fecal Coliform	cfu/100ml	Total	Actual					9222D	
	Acceptable Range	0.00000 - 99,999,999.00000 cfu/100ml								
FIELD_PH	pH	None	Total	Actual						
	Acceptable Range	0.00000 - 99,999,999.00000 None								
FLD_CONDUCTIVITY	Specific conductance	umho/cm	Total	Actual						
	Acceptable Range	0.00000 - 99,999,999.00000 umho/cm								
LAB_CONDUCTIVITY	Specific conductance	umho/cm	Total	Actual					120.1	
	Acceptable Range	0.00000 - 99,999,999.00000 umho/cm								
LAB_PH	pH	None	Total	Actual					150.1	
	Acceptable Range	0.00000 - 99,999,999.00000 None								
NH4	Nitrogen, ammonium (NH4) as NH4	ppm	Total	Actual					350.1	
	Acceptable Range	0.00000 - 99,999,999.00000 ppm								
NO3	Nitrogen, Nitrate (NO3) as NO3	ppm	Total	Actual					9056	
	Acceptable Range	0.00000 - 99,999,999.00000 ppm								
P	Phosphorus	mg/l	Total	Actual					365.1	
	Acceptable Range	0.00000 - 99,999,999.00000 mg/l								

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OKDEQ Oklahoma Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BIOCHR	BioChar tested by DEQ	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BIO-ALDRIN	Aldrin	mg/kg		Actual						
BIO-BHC	BHC-alpha	mg/kg	Total	Actual						
BIO-CAD	Cadmium	mg/kg	Total	Actual						
BIO-CHLORDANE	Chlordane	mg/kg	Total	Actual						
BIO-DDT	DDT ***retired*** (use DDT, p,p'-)	mg/kg		Actual						
BIO-DIELDRIN	Dieldrin	mg/kg		Actual						
BIO-ENDRIN	Endrin	ug/kg		Actual						
BIO-HEPTACHLOR	Heptachlor	ug/kg		Actual						
BIO-LEAD	Lead	mg/kg	Total	Actual						
BIO-LENGTH	Length	in		Actual	Mean					
BIO-MERCURY	Mercury	mg/kg	Total	Actual						
BIO-PCBS	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual						
BIO-TOXAPHENE	Toxaphene	ug/kg		Actual						
BIO-WEIGHT	Weight	lb		Actual	Mean					
BIO-ZINC	Zinc	ug/g	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHRGRP	Characteristic tested by DEQ	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2,4-D	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual						

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OKDEQ

Oklahoma Dept. of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALDRIN	Aldrin	ug/l		Actual						
	Acceptable Range	0.00000 - 99,999,999.00000 ug/l								
ALKALINITY	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual						
ALUMINUM	Aluminum	ug/l	Total	Actual						
ARSENIC	Arsenic	ug/l	Total	Actual						
BARIUM	Barium	ug/l	Total	Actual						
CADMIUM	Cadmium	ug/l	Total	Actual						
CADMIUM-DIS	Cadmium	ug/l	Dissolved	Actual						
CALCIUM	Calcium	mg/l	Total	Actual						
CHLORDANE	Chlordane	ug/l	Total	Actual						
CHLORIDE	Chloride	mg/l	Total	Actual						
CHROMIUM	Chromium	ug/l	Total	Actual						
COPPER	Copper	ug/l	Total	Actual						
DIELDRIN	Dieldrin	ug/l		Actual						
DURSBAN	Chloropyrifos	ug/l		Actual						
EC/MPN	Escherichia coli	#/100ml		Actual	MPN					
ENDRIN	Endrin	ug/l		Actual						
ENT/MF	Enterococcus Group Bacteria	#/100ml		Actual						
ENT/MPN	Enterococcus Group Bacteria	#/100ml		Actual	MPN					
ETHYL PARATHION	Parathion	ug/l		Actual						
FC/MF	Fecal Coliform	#/100ml		Actual						
FLUORIDES	Fluorides	mg/l	Total	Actual					300.1 A	
HARDNESS	Hardness, carbonate	mg/l	Total	Actual						
HARDNESS CALCIUM	Hardness, Ca + Mg	mg/l		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HEPTACHLOR	Heptachlor	ug/l		Actual						
HEXACHLOROBE NZENE	Hexachlorobenzene	ug/l		Actual						
IRON	Iron	ug/l	Total	Actual						
LAB PH	pH	None		Actual						
LEAD	Lead	ug/l	Total	Actual						
LEAD-DIS	Lead	ug/l	Dissolved	Actual						
LINDANE	BHC-gamma (Lindane)	ug/l		Actual						
MAGNESIUM	Magnesium	mg/l	Total	Actual						
MANGANESE	Manganese	ug/l	Total	Actual						
MERCURY	Mercury	ug/l	Total	Actual						
METHOXYCHLOR	Methoxychlor	ug/l		Actual						
METHYL PARATHION	Methyl parathion	ug/l	Total	Actual						
N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l		Actual						
NICKEL	Nickel	ug/l	Total	Actual						
OXYGEN-DIS	Dissolved oxygen (DO)	mg/l		Actual						
P,P' DDT	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual						
PARATHION	Parathion	ug/l		Actual						
PCBS	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/l	Total	Actual						
PENTACHLOROP HENOL	Pentachlorophenol (PCP)	ug/l	Total	Actual						
PH	pH	None	Total	Actual						
POTASSIUM	Potassium	mg/l	Total	Actual						
SELENIUM	Selenium	ug/l	Total	Actual						
SILVER	Silver	ug/l	Total	Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SILVEX 2,4,5 TP	2,4,5-T + Silvex	ug/l		Actual						
SODIUM	Sodium	mg/l	Total	Actual						
SOLID-DIS	Solids, Dissolved	mg/l	Total	Actual						
SPECIFIC CONDUCTANCE	Specific conductance	umho/cm		Actual						
SULFATE	Sulfur, sulfate (SO4) as S	mg/l	Total	Actual						
SUSPENDED SOLIDS	Solids, Fixed Suspended	mg/l	Total	Actual						
TC/MPN	Total Coliform	#/100ml		Actual	MPN					
THALLIUM	Thallium	ug/l	Total	Actual						
TOXAPHENE	Toxaphene	ug/l		Actual						
WATER TEMP	Temperature, water	deg C		Actual						
ZINC	Zinc	ug/l	Total	Actual						
ZINC-DIS	Zinc	ug/l	Dissolved	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FISH	Fish Species test by DEQ	Sample	Biological	Taxon Abundance	Fish/Nekton	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
106	Polyodon spathula		count	Actual				
107	Lepisosteus platostomus		count	Actual				
12	Cyprinus carpio		count	Actual				
16	Ictalurus punctatus		count	Actual				
19	Pylodictis olivaris		count	Actual				
20	Aplodinotus grunniens		count	Actual				

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OKDEQ

Oklahoma Dept. of Environmental Quality

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
21	Dorosoma cepedianum		count	Actual				
3	Ictiobus cyprinellus		count	Actual				
31	Micropterus salmoides		count	Actual				
32	Lepisosteus osseus		count	Actual				
388	Moxostoma carinatum		count	Actual				
389	Moxostoma duquesnei		count	Actual				
390	Moxostoma		count	Actual				
4	Ameiurus melas		count	Actual				
40	Lepomis microlophus		count	Actual				
42	Carpionodes carpio		count	Actual				
47	Micropterus dolomieu		count	Actual				
48	Ictiobus bubalus		count	Actual				
49	Micropterus punctulatus		count	Actual				
5	Pomoxis nigromaculatus		count	Actual				
50	Lepisosteus oculatus		count	Actual				
51	Minytrema melanops		count	Actual				
52	Morone saxatilis X Morone chrysops		count	Actual				
54	Stizostedion vitreum		count	Actual				
55	Stizostedion vitreum		count	Actual				
57	Morone chrysops		count	Actual				
59	Pomoxis annularis		count	Actual				
62	Ameiurus natalis		count	Actual				
67	Ictalurus furcatus		count	Actual				
8	Lepomis macrochirus		count	Actual				

Characteristic Group Details

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OKDEQ Oklahoma Dept. of Environmental Quality

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLDCHR	Field/Obs Char tested by DEQ	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
OXYGEN	Oxygen, (O2)	mg/l	Dissolved	Actual						
PH	pH	None		Actual						
SPECIFIC CONDUCTANCE	Specific conductance	umho/cm		Actual						
WATER TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEDCHR	Sediments Char tested by DEQ	Sample	Sediment				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SED-2,4-D	2,4-D, Dichlorophenoxyacetic acid	ug/g	Total	Actual						
SED-ALDRIN	Aldrin	ug/kg		Actual						
SED-ARSENIC	Arsenic	mg/kg	Total	Actual						
SED-CADMIUM	Cadmium	mg/kg	Total	Actual						
SED-DIELDRIN	Dieldrin	ug/kg		Actual						
SED-DURSBAN	Chloropyrifos	ug/g		Actual						
SED-ENDRIN	Endrin	ug/kg		Actual						
SED-ETHYLPARATHION	Parathion	mg/kg		Actual						
SED-HEPTACHLOR	Heptachlor	ug/kg		Actual						
SED-HEXACHLOROBENZENE	Hexachlorobenzene	ug/kg		Actual						

Characteristic Group Details

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Oklahoma Dept. of Environmental Quality

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SED-LEAD	Lead	mg/kg	Total	Actual						
SED-LINDANE	BHC-gamma (Lindane)	ug/kg		Actual						
SED-MALATHION	Malathion	ug/kg		Actual						
SED-METHOXYCHLOR	Methoxychlor	ug/kg		Actual						
SED-METHYLPARATHION	Methyl parathion	mg/kg	Total	Actual						
SED-P,P'DDT	DDT ***retired*** (use DDT, p,p')	ug/kg	Total	Actual						
SED-PCBS	PCBS, Polychlorinated Biphenyls, (Unspecified Mix)	ug/kg	Total	Actual						
SED-PENTACHLOROPHENOL	Pentachlorophenol (PCP)	ug/g	Total	Actual						
SED-SILVEX	Silvex	ug/kg		Actual						
SED-TOXAPHENE	Toxaphene	ug/kg		Actual						
SED-ZINC	Zinc	mg/kg		Actual						

Characteristic Group Details

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PATCMON Potomac Appalachian Trail Club Volunteer Monitoring - VA,MD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BENTH01	Common Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description Family names of benthic macroinvertebrates common to the Piedmont regions of Virginia and Maryland.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Functional Feeding Group	Trophic Level
ALDERFLIES	Sialidae		count	Actual		4	PRD	
AMELETID MINNOW MAYF	Ameletidae		count	Actual		3	COL	
AQUATIC SNIPE FLY	Athericidae		count	Actual		2	PRD	
BLACK TRUE FLY	Simuliidae		count	Actual		6	FILT	
BRUSHLEGGED MAYFLIES	Isonychiidae		count	Actual		2	COL	
CLUBTAIL DRAGONFLIES	Gomphidae		count	Actual		2	PRD	
COMM BURROWER MAYFLY	Ephemeraidae		count	Actual		2	COL	
COMMON STNFLY	Perlidae		count	Actual		2	PRD	
CRANE TRUE FLY	Tipulidae		count	Actual		4	SHR	
CRAYFISH DECAPOD	Cambaridae		count	Actual		6	COL	
DIXID MIDGE TRUE FLY	Dixidae		count	Actual		2	FILT	
DOBSON / FISH FLY	Corydalidae		count	Actual		4	PRD	
FINGERNET CADDIS	Philopotamidae		count	Actual		2	FILT	
FLATHEAD MAYFLY	Heptageniidae		count	Actual		3	SCR	

Characteristic Group Details

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PATCMON

Potomac Appalachian Trail Club Volunteer Monitoring - VA,MD

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
FREE LIVING CADDIS	Rhyacophilidae		count	Actual		1	PRD	
GIANT STNFLY	Pteronarcyidae		count	Actual		2	SHR	
GREEN STONEFLIES	Chloroperlidae		count	Actual		0	PRD	
HUMPLESS CASE MAKER	Brachycentridae		count	Actual		1	FILT	
LITTLE STOUT CRAWLER	Leptohiphidae		count	Actual		6	COL	
LONG-TOED WATER BEET	Dryopidae		count	Actual		5	SCR	
MICRO CADDIS	Hydroptilidae		count	Actual		4	SCR	
MIDGE TRUE FLY	Chironomidae		count	Actual		7	COL	
NEMOURID BROADBACK S	Nemouridae		count	Actual		4	SHR	
NET TUBE CADDIS	Psychomyiidae		count	Actual		2	COL	
NETSPINNER CADDIS	Hydropsychidae		count	Actual		5	FILT	
NORTHERN CSMK CADDIS	Limnephilidae		count	Actual		3	SHR	
PERLODID STNFLY	Perlodidae		count	Actual		2	PRD	
PRIMITIVE MINNOW MAY	Siphonuridae		count	Actual		7	COL	
PRONG GILL MAYFLY	Leptophlebiidae		count	Actual		4	COL	
ROACHLIKE STNFLY	Peltoperlidae		count	Actual		2	SHR	

Characteristic Group Details

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PATCMON Potomac Appalachian Trail Club Volunteer Monitoring - VA,MD

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
ROLLEDWING STNFLY	Leuctridae		count	Actual		0	SHR	
SADDLECASE MAKER	Glossosomatidae		count	Actual		2	SCR	
SALAMANDERS	Caudata		count	Actual				
SCULPINS(FISH)	Cottidae		count	Actual				
SEGMENTED WORMS	Oligochaeta		count	Actual		10	COL	
SKIMMER DRAGONFLY	Libellulidae		count	Actual		9	PRD	
SMALL MINNOW MAYFLY	Baetidae		count	Actual		5	COL	
SMALL SQUAREGILL	Caenidae		count	Actual		6	COL	
SMALL WINTER STONEFL	Capniidae		count	Actual		6	SHR	
SPINY CRAWLER	EphemereIllidae		count	Actual		2	COL	
STRONGCASE MAKER	Odontoceridae		count	Actual		0	SCR	
WATER PENNY	Psephenidae		count	Actual		4	SCR	
WATER SCAVENGER	Hydrophilidae		count	Actual		5	PRD	
WINTER STONEFLIES	Taeniopterygidae		count	Actual		2	SHR	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD01	Test Strip Measurements, Field	Field Msr/Obs	Water				N

Characteristic Group Details

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PATCMON

Potomac Appalachian Trail Club Volunteer Monitoring - VA,MD

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR TEMP	Temperature, air	deg C		Actual						
EPT COUNT	General Observation (text)								MATH_COUNT	
HARDNESS	Hardness, Ca + Mg	mg/l	Total	Actual					FIELD01	
HILSENHOFF FBI	Hilsenhoff Biotic Index	None		Actual					MATH_COUNT	
NITRATE NO3	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					FIELD01	
NITRITE NO2	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					FIELD01	
PH	pH	None		Actual					FIELD01	
	Acceptable Range	1.00000 - 13.00000	None							
TOT ALKALINITY	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					FIELD01	
WATER TEMP	Temperature, water	deg C		Actual						

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
BASN-BIO	Watershed Restoration Microbio	Sample	Water				N			
Description Biological monitoring includes: Rio La Plata and Rio Grande de Loiza										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CRYPTOSP	Cryptosporidium	#/100ml	Total	Actual					EPA 1623	
Acceptable Range		1.00000 - 40,000,000.00000 #/100ml								
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
Acceptable Range		1.00000 - 40,000,000.00000 #/100ml								
FECAL-CO	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
Acceptable Range		1.00000 - 40,000,000.00000 #/100ml								
GIARDA	Giardia	#/100ml	Total	Actual					EPA 1623	
Acceptable Range		1.00000 - 40,000,000.00000 #/100ml								
GIARDA-L	Giardia lamblia	#/100ml	Total	Actual					EPA 1623	
Acceptable Range		1.00000 - 40,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
BASN-FIE	Watershed Restoration field	Field Msr/Obs	Water				N			
Description Field monitoring includes: Rio Grande de Arecibo and Rio La Plata										
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
Acceptable Range		0.00001 - 100.00000 mg/l								
PH	pH	None	Total	Actual						
Acceptable Range		0.00001 - 100.10000 None								
TEMP	Temperature, water	deg C		Actual						
Acceptable Range		0.00001 - 100.00000 deg C								
Solids, Settleable										

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-NUT	Watershed Restoration Nutrient	Sample	Water				N

Description Nutrients monitored for Rio Grande de Arecibo and Rio La Plata

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORO-A	Chlorophyll a (probe relative fluorescence)	mg/l		Actual					PREQB SOP 034	
	Acceptable Range	0.00001 - 20.00000 mg/l								
NH3-N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					PREQB SOP 025	
	Acceptable Range	0.01000 - 20.00000 mg/l								
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					PREQB SOP 024	
	Acceptable Range	0.05000 - 20.00000 mg/l								
NITRITE	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					PREQB SOP 024	
	Acceptable Range	0.05000 - 30.00000 mg/l								
ORTHOP	Phosphorus, orthophosphate as P	mg/l	Total	Actual					EPA 365.2	
	Acceptable Range	0.01000 - 20.00000 mg/l								
P	Phosphorus	mg/l	Total	Actual					EPA 365.4	
	Acceptable Range	0.01000 - 10.00000 mg/l								
TDS	Solids, Dissolved	mg/l		Actual					PREQB SOP 028	
	Acceptable Range	10.00000 - 50.00000 mg/l								
TKN	Nitrogen, Kjeldahl	ng/l	Total	Actual					351.2	
	Acceptable Range	0.20000 - 30.00000 ng/l								
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					PREQB 028	
	Acceptable Range	4.00000 - 20.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-PES	Watershed Restoration pesticide	Sample	Water				N

Characteristic Group Details

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PR-BEACH

Puerto Rico Environmental Quality Board Beach

Description Pesticides monitoring on Rio Grande de Arecibo and Rio La Plata Basins

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2-4-DDT	DDT, 2,4'- ***retired*** (use o,p'- DDT)	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 100.00000 ug/l								
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
4-4-DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
4-4-DDT	DDT, p,p'-	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 40.00000 ug/l								
A-BHC	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
ALDRIN	Aldrin	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
B-BHC	BHC-beta	ug/l	Total	Actual					608	
	Acceptable Range	0.00110 - 10.00000 ug/l								
CARBO	Carbofuran	ug/l	Total	Actual						
CHLORDA	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10.00000 ug/l								
D-BHC	BHC-delta	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
DIAZINON	Diazinon	ug/l	Total	Actual						
	Acceptable Range	0.01000 - 10.00000 ug/l								
DIELDRIN	Dieldrin	ug/l	Total	Actual					608	
	Acceptable Range	0.00040 - 10.00000 ug/l								
END-SULF	Endosulfan Sulfate	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
ENDO	Endosulfan	ug/l	Total	Actual						
	Acceptable Range	0.01000 - 10.00000 ug/l								

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENDO-1	Endosulfan, alpha- Acceptable Range	ug/l	Total	Actual					608	
ENDO-2	Endosulfan, beta- Acceptable Range	ug/l	Total	Actual					608	
ENDRIN	Endrin Acceptable Range	ug/l	Total	Actual						
ENDRIN-A	Endrin Aldehyde Acceptable Range	ug/l	Total	Actual					608	
G-BHC-LI	BHC-gamma (Lindane) Acceptable Range	ug/l	Total	Actual					608	
GLYPHOS	Glyphosate (Roundup)	ug/l	Total	Actual						
H-CHLOR	Heptachlor Acceptable Range	ug/l	Total	Actual					608	
H-CHOR-E	Heptachlor epoxide Acceptable Range	ug/l	Total	Actual					608	
MALATHIO	Malathion Acceptable Range	ug/l	Total	Actual						
OXA	Oxamyl	ug/l	Total	Actual						
PCB-1016	Pcb-aroclor 1016 Acceptable Range	ug/l	Total	Actual					608	
PCB-1221	Pcb-aroclor 1221 Acceptable Range	ug/l	Total	Actual					608	
PCB-1232	Pcb-aroclor 1232 Acceptable Range	ug/l	Total	Actual					608	
PCB-1242	Pcb-aroclor 1242 Acceptable Range	ug/l	Total	Actual					608	
PCB-1248	Pcb-aroclor 1248 Acceptable Range	ug/l	Total	Actual					608	
PCB-1254	Pcb-aroclor 1254 Acceptable Range	ug/l	Total	Actual					608	

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB-1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
TOXAPH	Toxaphene	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BEACH	Beach Monitoring and Notificat	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	1.00000 - 10,000,000.00000 #/100ml								
FECAL	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 10,000,000.00000 #/100ml								
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.01000 - 200.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-BI	Coastal microbiological monito	Sample	Water				N

Description Coastal microbiological (fecal coliforms and enterococcus) monitoring network

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 9,000,000.00000 #/100ml								

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-CO	Coastal monitoring conventiona	Sample	Water				N

Description Coastal monitoring network.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 mg/l								
O&G	Oil and Grease	mg/l	Total	Actual					PREQB SOP-035	
TURB	Turbidity	NTU		Actual					SM 2130B PREQB	
	Acceptable Range	0.00000 - 20.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-FI	Coastal field monitoring n	Field Msr/Obs	Water				N

Description Coastal field monitoring network

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					PREQB SOP-033	
PH	pH	None	Total	Actual					PREQB SOP 021.2	
SAL	Salinity	%	Total	Actual					PREQB SOP-021.3	
	Acceptable Range	0.10000 - 1,000.00000 %								
TEMP	Temperature, water	deg C		Actual					PREQB SOP 021.1	

Characteristic Group Details

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PR-BEACH

Puerto Rico Environmental Quality Board Beach

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-ME	COASTAL WATER MONITORING NETWO	Sample	Water				N

Citations USEPA, 1994, Methods for the Determination of Metals in Environmental Samples, Supplement I, USEPA, EPA 600-R-94-111
Description Metals analysis in coastal waters stations monitored annually.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS	Arsenic	ug/l	Total	Actual					206.2	
	Acceptable Range	1.00000 - 10.00000	ug/l							
B	Boron	ug/l	Total	Actual					SM 4500-B.B	
	Acceptable Range	0.20000 - 20.00000	ug/l							
BA	Barium	mg/l	Total	Actual					EPA 208.1	
	Acceptable Range	0.10000 - 20.00000	mg/l							
CD	Cadmium	ug/l	Total	Actual					213.2	
	Acceptable Range	0.10000 - 20.00000	ug/l							
CR	Chromium	ug/l	Total	Actual					218.2	
	Acceptable Range	1.00000 - 20.00000	ug/l							
CU	Copper	ug/l	Total	Actual					220.2	
	Acceptable Range	1.00000 - 20.00000	ug/l							
HG	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.20000 - 20.00000	ug/l							
MN	Manganese	mg/l	Total	Actual					EPA 243.1	
	Acceptable Range	0.01000 - 20.00000	mg/l							
NI	Nickel	ug/l	Total	Actual					249.2	
	Acceptable Range	1.00000 - 20.00000	ug/l							
PB	Lead	ug/l	Total	Actual					239.2	
	Acceptable Range	1.00000 - 10.00000	ug/l							
SE	Selenium	ug/l	Total	Actual					270.2	
	Acceptable Range	2.00000 - 20.00000	ug/l							
ZN	Zinc	mg/l	Total	Actual						
	Acceptable Range	0.00500 - 10.00000	mg/l							

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-NU	Coast nutrient monitoring netw	Sample	Water				N

Description Coastal nutrients monitoring network.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					PREQB SOP 025	
	Acceptable Range	0.00000 - 10.00000 mg/l								
N+N-N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD-SW	Field measurements for surface	Field Msr/Obs	Water				N

Description field measurements for surface: lakes, rivers, coasts

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual					PREQB SOP 021.4	
	Acceptable Range	0.01000 - 50.00000 mg/l								
PH	pH	None	Total	Actual					PREQB SOP 021.2	
	Acceptable Range	1.00000 - 12.00000 None								
SECHI	Depth, Secchi Disk Depth	m		Actual					SECHI-DISK	
	Acceptable Range	0.01000 - 10.00000 m								
TEMP	Temperature, water	deg C		Actual					PREQB SOP 021.1	
	Acceptable Range	0.00000 - 50.00000 deg C								

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-CHL	Lake chlorophyll monitoring	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOR A	Chlorophyll a (probe relative fluorescence)	mg/l		Actual					PREQB SOP 034	
	Acceptable Range	0.00001 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-HDN	Measurements for hardness	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CACO3	Hardness, carbonate	mg/l	Total	Actual						
	Acceptable Range	10.00000 - 500.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-MET	Lake Monitoring Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS	Arsenic	ug/l	Total	Actual					206.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
CD	Cadmium	ug/l	Total	Actual					213.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
CR	Chromium	ug/l	Total	Actual					218.2	
CU	Copper	ug/l	Total	Actual					220.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
HG	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.00010 - 10.00000 ug/l								

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NI	Nickel	ug/l	Total	Actual					249.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
PB	Lead	ug/l	Total	Actual					239.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
SE	Selenium	ug/l	Total	Actual					270.2	
	Acceptable Range	2.00000 - 20.00000 ug/l								
ZN	Zinc	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 80.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-NUT	Lake nutrients monitoring	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMONIA	Ammonia, unionized	mg/l	Total	Actual					350.1	
	Acceptable Range	0.05000 - 1.00000 mg/l								
FOSFORO	Phosphorus	mg/l	Total	Actual					EPA 365.4	
	Acceptable Range	0.01000 - 1.00000 mg/l								
NIT+NIT	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00050 - 1.00000 mg/l								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Acceptable Range	0.02000 - 9.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-PES	Lakes pesticides monitoring	Sample	Water				N

Characteristic Group Details

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Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000 ug/l								
4-4-DDE	DDE ***retired*** (use DDE, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000 ug/l								
4-4-DDT	DDT ***retired*** (use DDT, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000 ug/l								
A-BHC	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00010 - 20.00000 ug/l								
ALDRIN	Aldrin	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 0.20000 ug/l								
B-BHC	BHC-beta	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 20.00000 ug/l								
CHLORD	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
D-BHC	BHC-delta	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 20.00000 ug/l								
DIELDRIN	Dieldrin	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000 ug/l								
END-1	Endosulfan, alpha-	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 20.00000 ug/l								
END-A	Endrin Aldehyde	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
ENDO-2	Endosulfan, beta-	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 20.00000 ug/l								
ENDRIN	Endrin	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000 ug/l								
ENDSULFA	Endosulfan Sulfate	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000 ug/l								

Characteristic Group Details

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PR-BEACH Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
G-BHC	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 20.00000 ug/l								
H-CHLOR	Heptachlor	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 20.00000 ug/l								
H-CLOR-E	Heptachlor epoxide	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 20.00000 ug/l								
PCB1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
PCB1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
TOXA	Toxaphene	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MICRO	Microbiological/Coliform	Sample	Water				N
	Description microbiological coliform monitory for lakes, rivers and coast						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP	

Characteristic Group Details

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Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 99,999,999.90000 #/100ml								
F-ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual					022	
F-STREPT	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 500.00000 #/100ml								
TOT-COL	Total Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 500.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER	RIO GRANDE DE LOIZA BASIN	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00060 - 10.00000 ug/l								
4-4-DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00040 - 10.00000 ug/l								
4-4-DDT	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
A-BHC	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00130 - 10.00000 ug/l								
ALDRIN	Aldrin	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
B-BHC	BHC-beta	ug/l	Total	Actual						
	Acceptable Range	0.00110 - 10.00000 ug/l								

Characteristic Group Details

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Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORDA	Chlordane Acceptable Range	ug/l	Total	Actual					608	
D-BHC	BHC-delta Acceptable Range	ug/l	Total	Actual						
DIELDRIN	Dieldrin Acceptable Range	ug/l	Total	Actual						
DO	Dissolved oxygen (DO) Acceptable Range	mg/l		Actual						
END-2	Endosulfan, beta- Acceptable Range	ug/l	Total	Actual						
END-SULF	Endosulfan Sulfate Acceptable Range	ug/l	Total	Actual						
ENDO-1	Endosulfan, alpha- Acceptable Range	ug/l	Total	Actual						
ENDRIN	Endrin Acceptable Range	ug/l	Total	Actual						
ENDRIN-A	Endrin Aldehyde Acceptable Range	ug/l	Total	Actual						
ENT	Enterococcus Group Bacteria Acceptable Range	#/100ml	Total	Actual						
F-COLI	Fecal Coliform Acceptable Range	#/100ml	Total	Actual					PREQB SOP 022	
G-BHC-LI	BHC-gamma (Lindane) Acceptable Range	ug/l	Total	Actual					608	
H-CHLOR	Heptachlor Acceptable Range	ug/l	Total	Actual						
H-CHOR-E	Heptachlor epoxide Acceptable Range	ug/l	Total	Actual						
NH3-N	Nitrogen, ammonium (NH4) as NH4	mg/l	Total	Actual						

Characteristic Group Details

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PR-BEACH

Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.01000 - 20.00000 mg/l								
NO2-N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 mg/l								
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
	Acceptable Range	0.05000 - 10.00000 mg/l								
P	Phosphorus	mg/l	Total	Actual						
	Acceptable Range	0.01000 - 10.00000 mg/l								
PCB-1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.06500 - 10.00000 ug/l								
PCB-1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PH	pH	None	Total	Actual					PREQB SOP 021.2	
	Acceptable Range	0.00010 - 20.00000 None								
PO4	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					EPA 365.2	
	Acceptable Range	0.00001 - 100.00000 mg/l								
SS	Solids, Settleable			Actual					EPA 160.5	
TDS	Solids, Dissolved	mg/l		Actual					PREQB SOP 028	
	Acceptable Range	0.10000 - 2,000.00000 mg/l								

Characteristic Group Details

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PR-BEACH

Puerto Rico Environmental Quality Board Beach

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 50.00000 deg C								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Acceptable Range	0.20000 - 10.00000 mg/l								
TOXAPH	Toxaphene	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					PREQB 028	
	Acceptable Range	4.00000 - 200.00000 mg/l								

Characteristic Group Details

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PR-COAST Puerto Rico Environmental Quality Board Coastal (Beach)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-BI	Coastal microbiological monito	Sample	Water				N

Description Coastal microbiological (fecal coliforms and enterococcus) monitoring network

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 9,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-CO	Coastal monitoring conventiona	Sample	Water				N

Description Coastal monitoring network.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 mg/l								
O&G	Oil and Grease	mg/l	Total	Actual					PREQB SOP-035	
	Acceptable Range	0.00000 - 10.00000 mg/l								
TURB	Turbidity	NTU		Actual					SM 2130B PREQB	
	Acceptable Range	0.00000 - 30.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-FI	Coastal field monitoring n	Field Msr/Obs	Water				N

Description Coastal field monitoring network

Characteristic Group Details

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PR-COAST

Puerto Rico Environmental Quality Board Coastal (Beach)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
PH	pH	None	Total	Actual					PREQB SOP 021.2	
SAL	Salinity	%	Total	Actual					PREQB SOP-021.3	
	Acceptable Range	0.10000 - 1,000.00000 %								
TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-ME	Coastal Waters Monitoring Netw	Sample	Water				N
	Citations	USEPA, 1994, Methods for the Determination of Metals in Environmental Samples, Supplement I, USEPA, EPA 600-R-94-111					
	Description	Metals analysis in coastal waters stations monitored annually.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS	Arsenic	ug/l	Total	Actual					206.2	
	Acceptable Range	1.00000 - 10.00000 ug/l								
B	Boron	ug/l	Total	Actual					SM 4500-B.B	
	Acceptable Range	0.20000 - 5,000.00000 ug/l								
BA	Barium	mg/l	Total	Actual					EPA 208.1	
	Acceptable Range	0.10000 - 20.00000 mg/l								
CD	Cadmium	ug/l	Total	Actual					213.2	
	Acceptable Range	0.10000 - 20.00000 ug/l								
CR	Chromium	ug/l	Total	Actual					218.2	
	Acceptable Range	1.00000 - 20.00000 ug/l								
CU	Copper	ug/l	Total	Actual					220.2	
	Acceptable Range	1.00000 - 20.00000 ug/l								
HG	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.20000 - 20.00000 ug/l								

Characteristic Group Details

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PR-COAST

Puerto Rico Environmental Quality Board Coastal (Beach)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MN	Manganese Acceptable Range	mg/l	Total	Actual					EPA 243.1	
NI	Nickel Acceptable Range	ug/l	Total	Actual					249.2	
PB	Lead Acceptable Range	ug/l	Total	Actual					239.2	
SE	Selenium Acceptable Range	ug/l	Total	Actual					270.2	
ZN	Zinc Acceptable Range	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-NU	Coast nutrient monitoring netw	Sample	Water				N
	Description	Coastal nutrients monitoring network.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia (NH3) as NH3 Acceptable Range	mg/l	Total	Actual					PREQB SOP 025	
N+N-N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N Acceptable Range	mg/l	Total	Actual					353.2	

Characteristic Group Details

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PR-LAKES Puerto Rico Environmental Quality Board (Surface Water)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-BIO	Watershed Restoration Microbio	Sample	Water				N

Description Biological monitoring includes: Rio La Plata and Rio Grande de Loiza

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
CRYPTOSP	Cryptosporidium	#/100ml	Total	Actual					EPA 1623		
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml									
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual							
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml									
FECAL-CO	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022		
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml									
GIARDA	Giardia	#/100ml	Total	Actual					EPA 1623		
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml									
GIARDA-L	Giardia lamblia	#/100ml	Total	Actual					EPA 1623		
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml									
TOTAL-CO	Total Coliform	#/100ml	Total	Actual					PREQB SOP 022		
	Acceptable Range	1.00000 - 100,000.00000 #/100ml									
	Coliform/Strep Ratio, Fecal										

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-CLO	Watershed Restoration Chloroph	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOR A	Chlorophyll a (probe relative fluorescence)	mg/l	Total	Actual					PREQB SM 10200H	
	Acceptable Range	0.00001 - 50.09990 mg/l								

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-FIE	Watershed Restoration field	Field Msr/Obs	Water				N

Description Field monitoring includes: Rio Grande de Arecibo and Rio La Plata

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
	Acceptable Range	0.00001 - 100.00000 mg/l								
PH	pH	None	Total	Actual						
	Acceptable Range	0.00001 - 100.10000 None								
SS	Solids, Settleable	ml/l	Settleable	Actual	Maximum				EPA 160.5	
	Acceptable Range	0.00000 - 50.00000 ml/l								
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.00001 - 100.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-NUT	Watershed Restoration Nutrient	Sample	Water				N

Description Nutrients monitored for Rio Grande de Arecibo and Rio La Plata

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORO-A	Chlorophyll a (probe relative fluorescence)	mg/l		Actual					PREQB SOP 034	
	Acceptable Range	0.00001 - 20.00000 mg/l								
NH3-N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					PREQB SOP 025	
	Acceptable Range	0.01000 - 20.00000 mg/l								
NO2-N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					PREQB SOP 024	
	Acceptable Range	0.05000 - 30.00000 mg/l								
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					PREQB SOP 024	
	Acceptable Range	0.05000 - 20.00000 mg/l								

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ORTHOP	Phosphorus, orthophosphate as P	mg/l	Total	Actual					EPA 365.2	
	Acceptable Range	0.01000 - 20.00000 mg/l								
P	Phosphorus	mg/l	Total	Actual					EPA 365.4	
	Acceptable Range	0.01000 - 10.00000 mg/l								
TDS	Solids, Dissolved	mg/l	Total	Actual					PREQB SOP 028	
	Acceptable Range	10.00000 - 200.00000 mg/l								
TKN	Nitrogen, Kjeldahl	ng/l	Total	Actual					351.2	
	Acceptable Range	0.00100 - 30.00000 ng/l								
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					PREQB 028	
	Acceptable Range	1.00000 - 100.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-PES	Watershed Restoration pesticid	Sample	Water				N
	Description	Pesticides monitoring on Rio Grande de Arecibo and Rio La Plata Basins					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2-4-DDT	DDT, 2,4'- ***retired*** (use o,p'- DDT)	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 100.00000 ug/l								
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
4-4-DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
4-4-DDT	DDT, p,p'-	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 40.00000 ug/l								

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A-BHC	BHC-alpha Acceptable Range	ug/l	Total	Actual					608	
ALDRIN	Aldrin Acceptable Range	ug/l	Total	Actual					608	
B-BHC	BHC-beta Acceptable Range	ug/l	Total	Actual					608	
CARBO	Carbofuran	ug/l	Total	Actual						
CHLORDA	Chlordane Acceptable Range	ug/l	Total	Actual					608	
D-BHC	BHC-delta Acceptable Range	ug/l	Total	Actual					608	
DIAZINON	Diazinon Acceptable Range	ug/l	Total	Actual						
DIELDRIN	Dieldrin Acceptable Range	ug/l	Total	Actual					608	
END-SULF	Endosulfan Sulfate Acceptable Range	ug/l	Total	Actual						
ENDO	Endosulfan Acceptable Range	ug/l	Total	Actual						
ENDO-1	Endosulfan 1 (use alpha-Endosulfan) ***retired*** ISN=223 Acceptable Range	ug/l	Total	Actual					608	
ENDO-2	Endosulfan 2 (use beta-Endosulfan) ***retired*** ISN=224 Acceptable Range	ug/l	Total	Actual					608	
ENDRIN	Endrin Acceptable Range	ug/l	Total	Actual						
ENDRIN-A	Endrin Aldehyde Acceptable Range	ug/l	Total	Actual					608	

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
G-BHC-LI	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
GLYPHOS	Glyphosate (Roundup)	ug/l	Total	Actual						
H-CHLOR	Heptachlor	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
H-CHOR-E	Heptachlor epoxide	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
MALATHIO	Malathion	ug/l	Total	Actual						
	Acceptable Range	0.01000 - 10.00000 ug/l								
OXA	Oxamyl	ug/l	Total	Actual						
PCB-1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00010 - 10.00000 ug/l								
PCB-1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
TOXAPH	Toxaphene	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BEACH	Beach Monitoring and Notificat	Sample	Water				N

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	1.00000 - 10,000,000.00000 #/100ml								
FECAL	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 10,000,000.00000 #/100ml								
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.01000 - 200.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-BI	Coastal microbiological monito	Sample	Water				N
	Description Coastal microbiological (fecal coliforms and enterococcus) monitoring network						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 9,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COAST-CO	Coastal monitoring conventiona	Sample	Water				N
	Description Coastal monitoring network.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 10.00000 mg/l								
O&G	Oil and Grease	mg/l	Total	Actual					PREQB SOP-	

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TURB	Turbidity	NTU		Actual					035 SM 2130B PREQB	
	Acceptable Range	0.00000 - 20.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
COAST-FI	Coastal field monitoring n	Field Msr/Obs	Water				N	
	Description	Coastal field monitoring network						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
PH	pH	None	Total	Actual					PREQB SOP 021.2	
SAL	Salinity	%	Total	Actual					PREQB SOP- 021.3	
	Acceptable Range	0.10000 - 1,000.00000 %								
TEMP	Temperature, water	deg C		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
COAST-ME	COASTAL WATER MONITORING NETWO	Sample	Water				N	
	Citations	USEPA, 1994, Methods for the Determination of Metals in Environmental Samples, Supplement I, USEPA, EPA 600-R-94-111						
	Description	Metals analysis in coastal waters stations monitored annually.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS	Arsenic	ug/l	Total	Actual					206.2	

Characteristic Group Details

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Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	1.00000 - 10.00000 ug/l								
B	Boron	ug/l	Total	Actual					SM 4500-B.B	
	Acceptable Range	0.20000 - 20.00000 ug/l								
BA	Barium	mg/l	Total	Actual					EPA 208.1	
	Acceptable Range	0.10000 - 20.00000 mg/l								
CD	Cadmium	ug/l	Total	Actual					213.2	
	Acceptable Range	0.10000 - 20.00000 ug/l								
CR	Chromium	ug/l	Total	Actual					218.2	
	Acceptable Range	1.00000 - 20.00000 ug/l								
CU	Copper	ug/l	Total	Actual					220.2	
	Acceptable Range	1.00000 - 20.00000 ug/l								
HG	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.20000 - 20.00000 ug/l								
MN	Manganese	mg/l	Total	Actual					EPA 243.1	
	Acceptable Range	0.01000 - 20.00000 mg/l								
NI	Nickel	ug/l	Total	Actual					249.2	
	Acceptable Range	1.00000 - 20.00000 ug/l								
PB	Lead	ug/l	Total	Actual					239.2	
	Acceptable Range	1.00000 - 10.00000 ug/l								
SE	Selenium	ug/l	Total	Actual					270.2	
	Acceptable Range	2.00000 - 20.00000 ug/l								
ZN	Zinc	mg/l	Total	Actual						
	Acceptable Range	0.00500 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
COAST-NU	Coast nutrient monitoring netw	Sample	Water				N	
	Description	Coastal nutrients monitoring network.						

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					PREQB SOP 025	
	Acceptable Range	0.00000 - 10.00000 mg/l								
N+N-N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD-SW	Field measurements for surface	Field Msr/Obs	Water				N
	Description	field measurements for surface: lakes, rivers, coasts					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual					PREQB SOP 021.4	
	Acceptable Range	0.01000 - 50.00000 mg/l								
PH	pH	None	Total	Actual					PREQB SOP 021.2	
	Acceptable Range	1.00000 - 12.00000 None								
SECHI	Depth, Secchi Disk Depth	m		Actual					SECHI-DISK	
	Acceptable Range	0.01000 - 10.00000 m								
SS	Solids, Settleable	ml/l	Settleable	Actual					EPA 160.5	
	Acceptable Range	0.00000 - 10.00000 ml/l								
TEMP	Temperature, water	deg C		Actual					PREQB SOP 021.1	
	Acceptable Range	0.00000 - 50.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-CHL	Lake chlorophyll monitoring	Sample	Water				N

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOR A	Chlorophyll a (probe relative fluorescence)	mg/l		Actual					PREQB SOP 034	
	Acceptable Range	0.00001 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-HDN	Measurements for hardness	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CACO3	Hardness, carbonate	mg/l	Total	Actual						
	Acceptable Range	10.00000 - 500.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-MET	Lake Monitoring Metals	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AS	Arsenic	ug/l	Total	Actual					206.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
CD	Cadmium	ug/l	Total	Actual					213.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
CR	Chromium	ug/l	Total	Actual					218.2	
CU	Copper	ug/l	Total	Actual					220.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
HG	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.00010 - 10.00000 ug/l								
NI	Nickel	ug/l	Total	Actual					249.2	
	Acceptable Range	0.00010 - 20.00000 ug/l								
PB	Lead	ug/l	Total	Actual					239.2	

Characteristic Group Details

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PR-LAKES Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00010 - 20.00000 ug/l								
SE	Selenium	ug/l	Total	Actual					270.2	
	Acceptable Range	2.00000 - 20.00000 ug/l								
ZN	Zinc	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 80.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-NUT	Lake nutrients monitoring	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMONIA	Ammonia, unionized	mg/l	Total	Actual					350.1	
	Acceptable Range	0.05000 - 1.00000 mg/l								
FOSFORO	Phosphorus	mg/l	Total	Actual					EPA 365.4	
	Acceptable Range	0.01000 - 1.00000 mg/l								
NIT+NIT	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00050 - 1.00000 mg/l								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.2	
	Acceptable Range	0.02000 - 9.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKE-PES	Lakes pesticides monitoring	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000 ug/l								

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4-4-DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000	ug/l							
4-4-DDT	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000	ug/l							
A-BHC	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00010 - 20.00000	ug/l							
ALDRIN	Aldrin	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 0.20000	ug/l							
B-BHC	BHC-beta	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 20.00000	ug/l							
CHLORD	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000	ug/l							
D-BHC	BHC-delta	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 20.00000	ug/l							
DIELDRIN	Dieldrin	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000	ug/l							
END-1	Endosulfan, alpha-	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 20.00000	ug/l							
END-A	Endrin Aldehyde	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000	ug/l							
ENDO-2	Endosulfan, beta-	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 20.00000	ug/l							
ENDRIN	Endrin	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000	ug/l							
ENDSULFA	Endosulfan Sulfate	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 10.00000	ug/l							
G-BHC	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 20.00000	ug/l							
H-CHLOR	Heptachlor	ug/l	Total	Actual						

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00010 - 20.00000 ug/l								
H-CLOR-E	Heptachlor epoxide	ug/l	Total	Actual						
	Acceptable Range	0.00010 - 20.00000 ug/l								
PCB1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
PCB1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
PCB1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 10.00000 ug/l								
TOXA	Toxaphene	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
MICRO	Microbiological/Coliform	Sample	Water				N	
	Description	microbiological coliform monitory for lakes, rivers and coast						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 99,999,999.90000 #/100ml								
F-ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						

Characteristic Group Details

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Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
F-STREPT	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 500.00000 #/100ml								
TOT-COL	Total Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 99,999,999.99999 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RIVER	RIO GRANDE DE LOIZA BASIN	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00060 - 10.00000 ug/l								
4-4-DDE	DDE ***retired*** (use DDE, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00040 - 10.00000 ug/l								
4-4-DDT	DDT ***retired*** (use DDT, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
A-BHC	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00130 - 10.00000 ug/l								
ALDRIN	Aldrin	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
B-BHC	BHC-beta	ug/l	Total	Actual						
	Acceptable Range	0.00110 - 10.00000 ug/l								
CHLOR A	Chlorophyll a (probe)	mg/l		Actual						
	Acceptable Range	0.00001 - 2.00000 mg/l								
CHLORDA	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								

Characteristic Group Details

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Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
D-BHC	BHC-delta Acceptable Range	ug/l	Total	Actual						
		0.00100 - 10.00000 ug/l								
DIELDRIN	Dieldrin Acceptable Range	ug/l	Total	Actual						
		0.00040 - 10.00000 ug/l								
DO	Dissolved oxygen (DO) Acceptable Range	mg/l		Actual						
		0.00001 - 200.00000 mg/l								
END-2	Endosulfan, beta- Acceptable Range	ug/l	Total	Actual						
		0.00210 - 10.00000 ug/l								
END-SULF	Endosulfan Sulfate Acceptable Range	ug/l	Total	Actual						
		0.00120 - 10.00000 ug/l								
ENDO-1	Endosulfan, alpha- Acceptable Range	ug/l	Total	Actual						
		0.00330 - 10.00000 ug/l								
ENDRIN	Endrin Acceptable Range	ug/l	Total	Actual						
		0.00090 - 10.00000 ug/l								
ENDRIN-A	Endrin Aldehyde Acceptable Range	ug/l	Total	Actual						
		0.00160 - 10.00000 ug/l								
ENT	Enterococcus Group Bacteria Acceptable Range	#/100ml	Total	Actual						
		1.00000 - 50,000,000.00000 #/100ml								
F-COLI	Fecal Coliform Acceptable Range	#/100ml	Total	Actual					PREQB SOP 022	
		1.00000 - 50,000,000.00000 #/100ml								
G-BHC-LI	BHC-gamma (Lindane) Acceptable Range	ug/l	Total	Actual					608	
		0.00140 - 10.00000 ug/l								
H-CHLOR	Heptachlor Acceptable Range	ug/l	Total	Actual						
		0.00160 - 10.00000 ug/l								
H-CHOR-E	Heptachlor epoxide Acceptable Range	ug/l	Total	Actual						
		0.00150 - 10.00000 ug/l								
NH3-N	Nitrogen, ammonium (NH4) as Acceptable Range	mg/l	Total	Actual						
		0.01000 - 20.00000 mg/l								
NO2-N	Nitrogen, Nitrite (NO2) as NO2 Acceptable Range	mg/l	Total	Actual						

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Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00001 - 10.00000 mg/l								
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
	Acceptable Range	0.05000 - 10.00000 mg/l								
P	Phosphorus	mg/l	Total	Actual						
	Acceptable Range	0.01000 - 10.00000 mg/l								
PCB-1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.06500 - 10.00000 ug/l								
PCB-1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PH	pH	None	Total	Actual					PREQB SOP 021.2	
	Acceptable Range	0.00010 - 20.00000 None								
PO4	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					EPA 365.2	
	Acceptable Range	0.00001 - 100.00000 mg/l								
SS	Solids, Settleable	ml/l	Total	Actual					EPA 160.5	
	Acceptable Range	0.00000 - 50.00000 ml/l								
TDS	Solids, Dissolved	mg/l		Actual					PREQB SOP 028	
	Acceptable Range	0.10000 - 2,000.00000 mg/l								
TEMP	Temperature, water	deg C		Actual						

Characteristic Group Details

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PR-LAKES

Puerto Rico Environmental Quality Board (Surface Water)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 50.00000 deg C								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Acceptable Range	0.20000 - 10.00000 mg/l								
TOTAL-CO	Total Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 50,000,000.00000 #/100ml								
TOXAPH	Toxaphene	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					PREQB 028	
	Acceptable Range	1.00000 - 200.00000 mg/l								

Characteristic Group Details

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PR-RIVER Puerto Rico Environmental Quality Board (Rivers)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-BIO	Watershed Restoration Microbio	Sample	Water				N

Description Biological monitoring includes: Rio La Plata and Rio Grande de Loiza

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CRYPTOSP	Cryptosporidium	#/100ml	Total	Actual					EPA 1623	
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml								
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml								
FECAL-CO	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml								
GIARDA	Giardia	#/100ml	Total	Actual					EPA 1623	
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml								
GIARDA-L	Giardia lamblia	#/100ml	Total	Actual					EPA 1623	
	Acceptable Range	1.00000 - 40,000,000.00000 #/100ml								
TOTAL-CO	Total Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 100,000.00000 #/100ml								
	Coliform/Strep Ratio, Fecal									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-CLO	Watershed Restoration Chloroph	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOR A	Chlorophyll a (probe relative fluorescence)	mg/l	Total	Actual					PREQB SM 10200H	
	Acceptable Range	0.00001 - 50.09990 mg/l								

Characteristic Group Details

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PR-RIVER

Puerto Rico Environmental Quality Board (Rivers)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-FIE	Watershed Restoration field	Field Msr/Obs	Water				N

Description Field monitoring includes: Rio Grande de Arecibo and Rio La Plata

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l	Total	Actual						
	Acceptable Range	0.00001 - 100.00000 mg/l								
PH	pH	None	Total	Actual						
	Acceptable Range	0.00001 - 100.10000 None								
SS	Solids, Settleable	ml/l	Settleable	Actual	Maximum				EPA 160.5	
	Acceptable Range	0.00000 - 50.00000 ml/l								
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.00001 - 100.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-NUT	Watershed Restoration Nutrient	Sample	Water				N

Description Nutrients monitored for Rio Grande de Arecibo and Rio La Plata

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORO-A	Chlorophyll a (probe relative fluorescence)	mg/l		Actual					PREQB SOP 034	
	Acceptable Range	0.00001 - 20.00000 mg/l								
NH3-N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					PREQB SOP 025	
	Acceptable Range	0.01000 - 20.00000 mg/l								
NO2-N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					PREQB SOP 024	
	Acceptable Range	0.05000 - 30.00000 mg/l								
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					PREQB SOP 024	
	Acceptable Range	0.05000 - 20.00000 mg/l								

Characteristic Group Details

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PR-RIVER Puerto Rico Environmental Quality Board (Rivers)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ORTHOP	Phosphorus, orthophosphate as P	mg/l	Total	Actual					EPA 365.2	
	Acceptable Range	0.01000 - 20.00000 mg/l								
P	Phosphorus	mg/l	Total	Actual					EPA 365.4	
	Acceptable Range	0.01000 - 10.00000 mg/l								
TDS	Solids, Dissolved	mg/l	Total	Actual					PREQB SOP 028	
	Acceptable Range	10.00000 - 200.00000 mg/l								
TKN	Nitrogen, Kjeldahl	ng/l	Total	Actual					351.2	
	Acceptable Range	0.00100 - 30.00000 ng/l								
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					PREQB 028	
	Acceptable Range	1.00000 - 100.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BASN-PES	Watershed Restoration pesticid	Sample	Water				N
	Description	Pesticides monitoring on Rio Grande de Arecibo and Rio La Plata Basins					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2-4-DDT	DDT, 2,4'- ***retired*** (use o,p'- DDT)	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 100.00000 ug/l								
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
4-4-DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
4-4-DDT	DDT, p,p'-	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 40.00000 ug/l								

Characteristic Group Details

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Puerto Rico Environmental Quality Board (Rivers)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A-BHC	BHC-alpha Acceptable Range	ug/l	Total	Actual					608	
ALDRIN	Aldrin Acceptable Range	ug/l	Total	Actual					608	
B-BHC	BHC-beta Acceptable Range	ug/l	Total	Actual					608	
CARBO	Carbofuran	ug/l	Total	Actual						
CHLORDA	Chlordane Acceptable Range	ug/l	Total	Actual					608	
D-BHC	BHC-delta Acceptable Range	ug/l	Total	Actual					608	
DIAZINON	Diazinon Acceptable Range	ug/l	Total	Actual						
DIELDRIN	Dieldrin Acceptable Range	ug/l	Total	Actual					608	
END-SULF	Endosulfan Sulfate Acceptable Range	ug/l	Total	Actual						
ENDO	Endosulfan Acceptable Range	ug/l	Total	Actual						
ENDO-1	Endosulfan 1 (use alpha-Endosulfan) ***retired*** ISN=223 Acceptable Range	ug/l	Total	Actual					608	
ENDO-2	Endosulfan 2 (use beta-Endosulfan) ***retired*** ISN=224 Acceptable Range	ug/l	Total	Actual					608	
ENDRIN	Endrin Acceptable Range	ug/l	Total	Actual						
ENDRIN-A	Endrin Aldehyde Acceptable Range	ug/l	Total	Actual					608	

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Puerto Rico Environmental Quality Board (Rivers)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
G-BHC-LI	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
GLYPHOS	Glyphosate (Roundup)	ug/l	Total	Actual						
H-CHLOR	Heptachlor	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
H-CHOR-E	Heptachlor epoxide	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
MALATHIO	Malathion	ug/l	Total	Actual						
	Acceptable Range	0.01000 - 10.00000 ug/l								
OXA	Oxamyl	ug/l	Total	Actual						
PCB-1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00010 - 10.00000 ug/l								
PCB-1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
TOXAPH	Toxaphene	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD-SW	Field measurements for surface	Field Msr/Obs	Water				N

Characteristic Group Details

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PR-RIVER

Puerto Rico Environmental Quality Board (Rivers)

Description field measurements for surface: lakes, rivers, coasts

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual					PREQB SOP 021.4	
	Acceptable Range	0.01000 - 50.00000 mg/l								
PH	pH	None	Total	Actual					PREQB SOP 021.2	
	Acceptable Range	1.00000 - 12.00000 None								
SECHI	Depth, Secchi Disk Depth	m		Actual					SECHI-DISK	
	Acceptable Range	0.01000 - 10.00000 m								
SS	Solids, Settleable	ml/l	Settleable	Actual					EPA 160.5	
	Acceptable Range	0.00000 - 10.00000 ml/l								
TEMP	Temperature, water	deg C		Actual					PREQB SOP 021.1	
	Acceptable Range	0.00000 - 50.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MICRO	Microbiological/Coliform	Sample	Water				N

Description microbiological coliform monitory for lakes, rivers and coast

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 99,999,999.90000 #/100ml								
F-ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
F-STREPT	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 500.00000 #/100ml								
TOT-COL	Total Coliform	#/100ml	Total	Actual					PREQB SOP 022	

Characteristic Group Details

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PR-RIVER **Puerto Rico Environmental Quality Board (Rivers)**

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 500.00000 #/100ml								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
RIVER	RIO GRANDE DE LOIZA BASIN	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4-4-DDD	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual						
	Acceptable Range	0.00060 - 10.00000 ug/l								
4-4-DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00040 - 10.00000 ug/l								
4-4-DDT	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
A-BHC	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00130 - 10.00000 ug/l								
ALDRIN	Aldrin	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
B-BHC	BHC-beta	ug/l	Total	Actual						
	Acceptable Range	0.00110 - 10.00000 ug/l								
CHLOR A	Chlorophyll a (probe)	mg/l		Actual						
	Acceptable Range	0.00001 - 2.00000 mg/l								
CHLORDA	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
D-BHC	BHC-delta	ug/l	Total	Actual						
	Acceptable Range	0.00100 - 10.00000 ug/l								
DIELDRIN	Dieldrin	ug/l	Total	Actual						
	Acceptable Range	0.00040 - 10.00000 ug/l								

Characteristic Group Details

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PR-RIVER

Puerto Rico Environmental Quality Board (Rivers)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual						
	Acceptable Range	0.00001 - 200.00000 mg/l								
END-2	Endosulfan, beta-	ug/l	Total	Actual						
	Acceptable Range	0.00210 - 10.00000 ug/l								
END-SULF	Endosulfan Sulfate	ug/l	Total	Actual						
	Acceptable Range	0.00120 - 10.00000 ug/l								
ENDO-1	Endosulfan, alpha-	ug/l	Total	Actual						
	Acceptable Range	0.00330 - 10.00000 ug/l								
ENDRIN	Endrin	ug/l	Total	Actual						
	Acceptable Range	0.00090 - 10.00000 ug/l								
ENDRIN-A	Endrin Aldehyde	ug/l	Total	Actual						
	Acceptable Range	0.00160 - 10.00000 ug/l								
ENT	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	1.00000 - 50,000,000.00000 #/100ml								
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	1.00000 - 50,000,000.00000 #/100ml								
G-BHC-LI	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.00140 - 10.00000 ug/l								
H-CHLOR	Heptachlor	ug/l	Total	Actual						
	Acceptable Range	0.00160 - 10.00000 ug/l								
H-CHOR-E	Heptachlor epoxide	ug/l	Total	Actual						
	Acceptable Range	0.00150 - 10.00000 ug/l								
NH3-N	Nitrogen, ammonium (NH4) as NH4	mg/l	Total	Actual						
	Acceptable Range	0.01000 - 20.00000 mg/l								
NO2-N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 mg/l								
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual						
	Acceptable Range	0.05000 - 10.00000 mg/l								
P	Phosphorus	mg/l	Total	Actual						

Characteristic Group Details

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PR-RIVER

Puerto Rico Environmental Quality Board (Rivers)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.01000 - 10.00000 mg/l								
PCB-1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.06500 - 10.00000 ug/l								
PCB-1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PCB-1260	Pcb-aroclor 1260	ug/l	Total	Actual					608	
	Acceptable Range	0.00001 - 10.00000 ug/l								
PH	pH	None	Total	Actual					PREQB SOP 021.2	
	Acceptable Range	0.00010 - 20.00000 None								
PO4	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					EPA 365.2	
	Acceptable Range	0.00001 - 100.00000 mg/l								
SS	Solids, Settleable	ml/l	Total	Actual					EPA 160.5	
	Acceptable Range	0.00000 - 50.00000 ml/l								
TDS	Solids, Dissolved	mg/l		Actual					PREQB SOP 028	
	Acceptable Range	0.10000 - 2,000.00000 mg/l								
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 50.00000 deg C								
TKN	Nitrogen, Kjeldahl	mg/l	Total	Actual						
	Acceptable Range	0.20000 - 10.00000 mg/l								
TOTAL-CO	Total Coliform	#/100ml	Total	Actual					PREQB SOP	

Characteristic Group Details

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PR-RIVER

Puerto Rico Environmental Quality Board (Rivers)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	1.00000 - 50,000,000.00000 #/100ml							022	
TOXAPH	Toxaphene	ug/l	Total	Actual						
	Acceptable Range	0.00001 - 10.00000 ug/l								
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					PREQB 028	
	Acceptable Range	1.00000 - 200.00000 mg/l								

Characteristic Group Details

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PREQB-GW

Puerto Rico

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELD-GW	Field Measurements for Wells	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CONDUCT	Specific conductance	umho/cm		Actual					PREQB SOP 021.4	
	Acceptable Range	100.00000 - 999.00000 umho/cm								
PH	pH	None	Total	Actual					PREQB SOP 021.2	
	Acceptable Range	3.00000 - 12.00000 None								
TEMP	Temperature, water	deg C		Actual					PREQB SOP 021.1	
	Acceptable Range	1.00000 - 50.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
MICRO	Microbiological/Coliform	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENTERO	Enterococcus Group Bacteria	#/100ml	Total	Actual						
	Acceptable Range	0.00000 - 500.00000 #/100ml								
F-COLI	Fecal Coliform	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 500.00000 #/100ml								
F-STREPT	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					PREQB SOP 022	
	Acceptable Range	0.00000 - 500.00000 #/100ml								
TOT-COL	Total Coliform	#/100ml	Total	Actual					PREQB SOP 022 T	
	Acceptable Range	0.00000 - 500.00000 #/100ml								

Characteristic Group Details

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PREQB-GW

Puerto Rico

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
NUTRIENT	Nutrients in well water	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					310.2	
	Acceptable Range	10.00000 - 200.00000	mg/l							
ANTIMONY	Antimony	ug/l	Total	Actual					204.2_M	
	Acceptable Range	20.00000 - 300.00000	ug/l							
BERYLLIUM	Beryllium	ug/l	Total	Actual					210.2_M	
	Acceptable Range	1.00000 - 30.00000	ug/l							
BORON	Boron	ug/l	Total	Actual					4500-B-B	
	Acceptable Range	0.00100 - 300.00000	ug/l							
CADMIUM	Cadmium	ug/l	Total	Actual					213.2_M	
	Acceptable Range	0.50000 - 10.00000	ug/l							
CALCIUM	Calcium	mg/l	Total	Actual					215.1_M	
	Acceptable Range	0.20000 - 7.00000	mg/l							
CHROMIUM	Chromium	ug/l	Total	Actual					218.2_M	
	Acceptable Range	5.00000 - 100.00000	ug/l							
CL	Chloride	mg/l	Total	Actual					325.3	
	Acceptable Range	1.00000 - 250.00000	mg/l							
CN	Cyanide	ug/l	Total	Actual					335.3	
	Acceptable Range	5.00000 - 500.00000	ug/l							
COPPER	Copper	ug/l	Total	Actual					220.2_M	
	Acceptable Range	5.00000 - 100.00000	ug/l							
F	Fluorides	mg/l	Total	Actual					340.2_M	
	Acceptable Range	0.10000 - 1,000.00000	mg/l							
HARD	Hardness, Ca + Mg	mg/l	Total	Actual					130.2	
	Acceptable Range	1.00000 - 999.00000	mg/l							
IRON	Iron	mg/l	Total	Actual					236.1_M	
	Acceptable Range	0.30000 - 5.00000	mg/l							

Characteristic Group Details

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PREQB-GW

Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LEAD	Lead	ug/l	Total	Actual					239.2_M	
	Acceptable Range	5.00000 - 100.00000 ug/l								
MAG	Magnesium	mg/l	Total	Actual					242.1_M	
	Acceptable Range	0.02000 - 0.50000 mg/l								
MANGANESE	Manganese	mg/l	Total	Actual					243.1_M	
	Acceptable Range	0.10000 - 3.00000 mg/l								
MERCURY	Mercury	ug/l	Total	Actual					245.1_M	
	Acceptable Range	0.20000 - 20.00000 ug/l								
NH3-N	Ammonia, unionized	mg/l	Total	Actual					350.1	
	Acceptable Range	0.01000 - 2.00000 mg/l								
NICKEL	Nickel	ug/l	Total	Actual					249.2_M	
	Acceptable Range	5.00000 - 50.00000 ug/l								
NO2-N	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					PREQB SOP-024	
	Acceptable Range	0.01000 - 1.00000 mg/l								
NO3-N	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					PREQB SOP-024	
	Acceptable Range	0.10000 - 2.00000 mg/l								
ORTHOPO4	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.5	
	Acceptable Range	0.00100 - 100.00000 mg/l								
PO4	Phosphate	mg/l	Total	Actual					365.5	
POTASSIUM	Potassium	mg/l	Total	Actual					258.1_M	
	Acceptable Range	0.10000 - 2.00000 mg/l								
SILVER	Silver	ug/l	Total	Actual					272.2_M	
	Acceptable Range	1.00000 - 25.00000 ug/l								
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
	Acceptable Range	3.00000 - 300.00000 mg/l								
SODIUM	Sodium	mg/l	Total	Actual					273.1_M	
	Acceptable Range	0.03000 - 1.00000 mg/l								
TDS	Solids, Dissolved	mg/l		Actual		Dry			160.1_M	

Characteristic Group Details

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PREQB-GW

Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	10.00000 - 20,000.00000 mg/l								
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
	Acceptable Range	0.20000 - 500.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PEST	Pesticides in well water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
44DDE	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					608	
	Acceptable Range	0.00400 - 1.00000 ug/l								
44DDT	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					608	
	Acceptable Range	0.00010 - 0.10000 ug/l								
A-BHC	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00130 - 0.10000 ug/l								
ALDRIN	Aldrin	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 0.10000 ug/l								
B-BHC	BHC-beta	ug/l	Total	Actual					608	
	Acceptable Range	0.00110 - 0.10000 ug/l								
CHLORDAN	Chlordane	ug/l	Total	Actual					608	
D-BHC	BHC-delta	ug/l	Total	Actual					608	
	Acceptable Range	0.00100 - 0.10000 ug/l								
DIELDRIN	Dieldrin	ug/l	Total	Actual					608	
	Acceptable Range	0.00040 - 1.00000 ug/l								
E-SULFAT	Endosulfan Sulfate	ug/l	Total	Actual					608	
	Acceptable Range	0.00120 - 0.10000 ug/l								
ENDO-I	Endosulfan, alpha-	ug/l	Total	Actual					608	
	Acceptable Range	0.00033 - 0.10000 ug/l								

Characteristic Group Details

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PREQB-GW

Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENDO-II	Endosulfan, beta- Acceptable Range	ug/l 0.00021 - 0.10000 ug/l	Total	Actual					608	
ENDRI-A	Endrin Aldehyde Acceptable Range	ug/l 0.00160 - 0.10000 ug/l	Total	Actual					608	
ENDRIN	Endrin Acceptable Range	ug/l 0.00090 - 0.10000 ug/l	Total	Actual					608	
G-BHC	BHC-gamma (Lindane) Acceptable Range	ug/l 0.00140 - 0.10000 ug/l	Total	Actual					608	
H-CHLOR	Heptachlor Acceptable Range	ug/l 0.00160 - 0.10000 ug/l	Total	Actual					608	
H-EPOXID	Heptachlor epoxide Acceptable Range	ug/l 0.00150 - 0.10000 ug/l	Total	Actual					608	
PCB1016	Pcb-aroclor 1016	ug/l	Total	Actual					608	
PCB1221	Pcb-aroclor 1221	ug/l	Total	Actual					608	
PCB1232	Pcb-aroclor 1232	ug/l	Total	Actual					608	
PCB1242	Pcb-aroclor 1242	ug/l	Total	Actual					608	
PCB1248	Pcb-aroclor 1248	ug/l	Total	Actual					608	
PCB1254	Pcb-aroclor 1254	ug/l	Total	Actual					608	
PCB1260	Pcb-aroclor 1260 Acceptable Range	ug/l 0.01550 - 0.10000 ug/l	Total	Actual					608	
PCBS	PCBS, Polychlorinated Biphenyls, (Unspecified Mix) Acceptable Range	ug/l 0.00100 - 10.00000 ug/l	Total	Actual					608	
TOXAPHEN	Toxaphene	ug/l	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SEMI-VOL	Well sampling for semi-volatil	Sample	Water				N

Characteristic Group Details

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PREQB-GW

Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1,2,4-TRICHBEN	1,2,4-Trichlorobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
1,2-DICHBEN	1,2-Dichlorobenzene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
1,3-DICHBEN	1,3-Dichlorobenzene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
1,4-DICHBEN	1,4-Dichlorobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2,4,6-TCPH	2,4,6-Trichlorophenol (TCPH)	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2,4-DICHPHE	2,4-Dichlorophenol	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2,4-DIMETPHE	2,4-Dimethylphenol	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2,4-DINITROPHE	Dinitrophenol, 2,4-	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2,4-DINITROTO	2,4-Dinitrotoluene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2,6-DINITROTO	2,6-Dinitrotoluene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2-CHLONAPHTHA	Chloronaphthalene-2	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2-CHLOPHEN	Chlorophenol-2	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
2-NITROPHE	Nitrophenol, 2-	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
3,3-DICHBENZI	Dichlorobenzidine, 3,3'-	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
4-CHLO-3METHYPHE	4-Chloro-3-methylphenol	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								

Characteristic Group Details

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PREQB-GW

Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
4-NITROPHE	p-Nitrophenol	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
ACENPHTHE	Acenaphthene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
ACENPHTHY	Acenaphthylene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
ANTHRA	Anthracene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BENZIDI	Benzidine	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BENZO-A-ANTHRA	Benzo[a]anthracene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BENZO-A-PYR	Benzo[a]pyrene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BENZO-BK-FLUO	Benzo[bk]fluoranthene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BENZO-GHI-PERY	Benzo[g,h,i]perylene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BENZO-K-FLUO	Benzo[k]fluoranthene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BIS-2-CHLOETHO-MET	bis(2-chloroethoxy) methane	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BIS-2-CHLOETHY-ET	bis(2-chloroethyl) ether	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BIS-2-CHLOISOP-ET	Bis(2-chloroisopropyl) ether	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000	ug/l							
BIS-2-ETHYLEXY-PHTHA	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					625	

Characteristic Group Details

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Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00010 - 0.01000 ug/l								
BUTYBENPHTHA	Butyl benzyl phthalate	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
CHRYSE	Chrysenes C1-C4	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
DIBEN-A,H-ANTHRA	Dibenzo[a,h]anthracene	ug/l		Actual					625	
	Acceptable Range	0.00001 - 0.01000 ug/l								
DIETHYPHTHA	Diethyl phthalate	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
FLUORENE	Fluorenes, C1-C3	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
HEXACHLOBEN	Hexachlorobenzene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
HEXACHLOBUT	Hexachlorobutadiene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
HEXACHLOCYCL OPENT	Hexachlorocyclopentadiene	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
HEXACHLOET	Hexachloroethane	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
IND-1,2,3-CD-PY	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
ISOPHORO	Isophorone	ug/l		Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
N- NITROMETHYLET HYLA	Nitrosomethylethylamine, n-	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
NAPHTHALE	Naphthalene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								

Characteristic Group Details

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PREQB-GW **Puerto Rico**

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NITROBEN	nitro-Benzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
PCP	Pentachlorophenol (PCP)	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
PHEN	Phenol	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								
PYRE	Pyrene	ug/l	Total	Actual					625	
	Acceptable Range	0.00010 - 0.01000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOC	Well sampling for VOC	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1-1-1-TRICHET	Trichloroethane, 1,1,1-	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-1-2-2-TETRACHET	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-1-2-TRICHET	Trichloroethane, 1,1,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-1-DICHETHA	Dichloroethane, 1,1-	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-2-DICHBEN	1,2-Dichlorobenzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-2-DICHETA	Dichloroethane, 1,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-2-DICHPRO	Dichloropropane, 1,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-3-DICHBEN	1,3-Dichlorobenzene	ug/l	Total	Actual					624	

Characteristic Group Details

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Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00100 - 10.00000 ug/l								
1-4-DICHBEN	1,4-Dichlorobenzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
2-CHLOETHYVINETH	2-Chloroethyl vinyl ether	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
BENZENE	Benzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
BROMFOR	Bromoform	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
CARBOTETRACHL	Carbon tetrachloride	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
CHLOBEN	Chlorobenzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
CHLOETH	Chloroethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
CHLOROF	Chloroform	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
CIS-1-3-DICHPRO	cis-1,3-Dichloropropene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
DICHMET	Dichloromethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
ETHBEN	Ethylbenzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
TETRACHLOET	Tetrachloroethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
TOLUENE	Toluene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
TRAN-1-2-DICHETH	trans-1,2-Dichloroethylene	ug/l	Total	Actual					624	

Characteristic Group Details

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PREQB-GW

Puerto Rico

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00100 - 10.00000 ug/l								
TRAN-1-3-DICHPRO	trans-1,3-Dichloropropene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
TRICHETHYL	Trichloroethylene	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
TRICHFLUME	Trichlorofluoromethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								
VYNCHLO	Vinyl chloride	ug/l	Total	Actual					624	
	Acceptable Range	0.00100 - 10.00000 ug/l								

Characteristic Group Details

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R2-LAB

New York

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BEACHES	Helicopter Runs	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
00010	Temperature, water	deg C		Actual					2550	
00300	Dissolved oxygen (DO)	mg/l		Actual					4500-O-C	
31613	Fecal Coliform	#/100ml		Actual					9222-D	
31649	Enterococcus Group Bacteria	#/100ml		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LWBCHES	Helicopter Studies - Labworks	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
\$DO_PERP	Dissolved oxygen (DO)	mg/l		Actual						
DO-A-MET	Dissolved oxygen (DO)	mg/l		Actual						
ENTERO	Enterococcus Group Bacteria	#/100ml		Actual						
ENTEROCO	Enterococcus Group Bacteria	#/100ml		Actual						
FCMF	Fecal Coliform	#/100ml		Actual					9222-D	
FECAL_CO	Fecal Coliform	#/100ml		Actual					9222-D	
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 0.00000 deg C								
TEMPERAT	Temperature, water	deg C		Actual						

Characteristic Group Details

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R9VOL Volunteer Monitoring Groups in EPA Region 9 (CALIFORNIA)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TEST	test	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
11	peb4mm	
12	peb8m	
13	peb16m	
14	peb20mm	
15	peb23mm	
16	peb30mm	
17	peb35mm	
18	peb39mm-47mm	
19	peb49mm-50mm	
20	peb50mm-55mm	
21	peb56mm-60mm	
22	peb73mm	
23	>80mm	
24	p1	
25	p25	
26	p26	
27	p27	
28	p28	
29	p29	
30	p30	
31	p31	
32	p32	
33	p33	
34	p34	
35	p35	

Characteristic Group Details

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R9VOL Volunteer Monitoring Groups in EPA Region 9 (CALIFORNIA)

Row ID	Characteristic Name	Description
36	p36	
37	p37	
38	p38	
39	p39	
40	p40	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLCG-00	Volunteer Group 001	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg F		Actual						
10	Phosphorus as PO4	mg/l	Total	Actual					4500-P-D	
11	Dissolved oxygen saturation	%	Dissolved	Actual						
2	Temperature, sample	deg F		Actual						
3	Dissolved oxygen (DO)	ppm	Dissolved	Actual						
4	Specific conductance	uS/cm	Total	Actual					2510	
5	pH	None	Total	Actual						
6	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					4500-NH3(D)	
7	Ammonia, unionized	mg/l	Total	Actual						
8	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					4500-NO3(C)	
9	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLCG-02	Habitat Observations	Field Msr/Obs					Y

Characteristic Group Details

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R9VOL

Volunteer Monitoring Groups in EPA Region 9 (CALIFORNIA)

Citations Leopold, Luna B., 1994, A View of the River, Harvard University Press, all

Row ID	Characteristic Name	Description
11	Air temperature	
12	weather conditions	
13	stream water appearance	
14	water depth	
15	flow	
16	exposed streambed coating	
17	odor	
18	pool	
19	riffle	
20	tree roots	
21	logs or stumps	
22	large boulders	
23	wetland	
24	overhead tree canopy	
25	steep eroded banks	
26	man-made banks (concrete)	
27	vegetated banks	
28	undercut banks	
29	other - describe	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLCG-03	Habitat Pebble Count	Field Msr/Obs					Y

Citations Henderson, Cheryl C., C. L. Rawlins, John P. Potyondy, 1994, Stream Channel Reference Sites: An Illustrated Guide to Field Technique, USFS General Technical Report, RM-245

Characteristic Group Details

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R9VOL Volunteer Monitoring Groups in EPA Region 9 (CALIFORNIA)

Row ID	Characteristic Name	Description
11	Cross section	
12	Cross section area	
13	Region	
14	Region area	
15	% of total area	
16	Number of Pebbles	
17	Data type	
18	< 4 mm	
19	4 - 6 mm	
20	6.1 - 8 mm	
21	8.1 - 11 mm	
22	11.1 - 16 mm	
23	16.1 - 22 mm	
24	22.1 - 32 mm	
25	32.1 - 45 mm	
26	45.1 - 64 mm	
27	64.1 - 90 mm	
28	90.1 - 128 mm	
29	128.1 - 180 mm	
30	180.1 - 256 mm	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLCG-04	Embeddedness	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
11	Cross section	
12	Cross section area	

Characteristic Group Details

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R9VOL Volunteer Monitoring Groups in EPA Region 9 (CALIFORNIA)

Row ID	Characteristic Name	Description
13	Region	
14	Region area	
15	% of Total area	
16	Average Embeddedness	
17	Number of Observations	
18	Data type	
19	Obs-1	
20	Obs-2	
21	Obs-3	
22	Obs-4	
23	Obs-5	
24	Obs-6	
25	Obs-7	
26	Obs-8	
27	Obs-9	
28	Obs-10	
29	Obs-11	
30	Obs-12	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLCG-3A	Habitat Pebble Count Part 2	Field Msr/Obs					Y
	Citations	Henderson, Cheryl C., C. L. Rawlins, John P. Potyondy, 1994, Stream Channel Reference Sites: An Illustrated Guide to Field Technique, USFS General Technical Report, RM-245					

Row ID	Characteristic Name	Description
1	>256	
2	Bedrock	

Characteristic Group Details

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R9VOL Volunteer Monitoring Groups in EPA Region 9 (CALIFORNIA)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLCG-4A	Embeddedness Part #2	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
11	Obs-13	
12	Obs-14	
13	Obs-15	
14	Obs-16	
15	Obs-17	
16	Obs-18	
17	Obs-19	
18	Obs-20	
19	Obs-21	
20	Obs-22	
21	Obs-23	
22	Obs-24	
23	Obs-25	
24	Obs-26	
25	Obs-27	
26	Obs-28	
27	Obs-29	
28	Obs-30	
29	Obs-31	
30	Obs-32	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
VOLCG-4B	Embeddedness Part #3	Field Msr/Obs					Y

Characteristic Group Details

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R9VOL

Volunteer Monitoring Groups in EPA Region 9 (CALIFORNIA)

Row ID	Characteristic Name	Description
11	Obs-33	
12	Obs-34	
13	Obs-35	
14	Obs-36	
15	Obs-37	
16	Obs-38	
17	Obs-39	
18	Obs-40	
19	Obs-41	
20	Obs-42	
21	Obs-43	
22	Obs-44	
23	Obs-45	
24	Obs-46	

Characteristic Group Details

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SDWRAP

SD Dept of Environmental & Natural Resources

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WRAP	Water Resources Assessment	Field Msr/Obs	Water				N

Citations SDWRAP SOP - Watershed Assessment Team, June 2003, Standard Operating Procedure for Field Samplers Volume 1, State of South Dakota, Voume 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth, Secchi Disk Depth	m		Actual					SECCHI DISK	
2	pH	None		Actual					WRAPFLD	
3	Dissolved oxygen (DO)	mg/l		Actual					WRAPFLD	
4	Temperature, water	deg C		Actual					WRAPFLD	
5	Temperature, air	deg C		Actual					WRAPFLD	
6	Depth, Secchi Disk Depth	m		Actual					WRAPFLD	
7	Temperature, air	deg F		Actual					WRAPFLD	

Characteristic Group Details

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SRMTAKNY

St. Regis Mohawk Tribe (New York)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
001	Water Sample	Data Logger	Water				N

Description Collecting ph, conductivity, temperature, salinity, depth and turbidity

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DEPTH	Depth, data-logger (ported)	ft		Actual						
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.2	
PH	pH	None		Actual					9040A	
SAL	Salinity	ppt		Actual	Mean	Wet				
	Acceptable Range	0.00000 - 100.00000 ppt								
SPCON	Specific conductance	mS/cm		Actual					9050	
TEMP1	Temperature, water	deg C		Actual	Mean	Wet			170.1	
	Acceptable Range	-5.00000 - 50.00000 deg C								
TUR	Turbidity	NTU	Suspended	Actual	Mean	Wet			180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
002	Sediment	Sample	Sediment				N

Description Initially, all sediment samples will be collected utilizing a Wildco Sediment Coring Device and plastic tubes, which are used to contain sediment. If a sample cannot be collected with this method then the Ponar Dredge will be used.

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
003	Fish	Sample	Biological	Tissue			N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
1999	beaver	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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St. Regis Mohawk Tribe (New York)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DEPTH	Depth, data-logger (ported)	ft		Actual	Mean					
	Acceptable Range	0.00000 - 100.00000 ft								
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean				360.2	
	Acceptable Range	6.00000 - 20.00000 mg/l								
DO%	Dissolved oxygen (DO)	%		Calculated	Mean				360.2	
PH	pH	None		Calculated	Mean				9040A	
	Acceptable Range	6.50000 - 9.00000 None								
SAL	Salinity	ppt		Calculated	Mean					
SPCOND	Specific conductance	mS/cm		Calculated	Mean				9050A	
	Acceptable Range	0.15000 - 0.50000 mS/cm								
TUR	Turbidity	NTU	Suspended	Calculated	Mean				180.1	
	Acceptable Range	0.00000 - 5.00000 NTU								
WTEMP	Temperature, water	deg C		Actual	Mean				170.1	
	Acceptable Range	0.00000 - 36.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
2000 SAM	sampling 2000	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean				360.2	
	Acceptable Range	6.00000 - 20.00000 mg/l								
	Turbidity	NTU	Suspended	Calculated	Mean				180.1	
	Acceptable Range	0.00000 - 5.00000 NTU								
	pH	None		Calculated	Mean				9040A	
	Acceptable Range	6.50000 - 9.00000 None								
	Depth, data-logger (ported)	ft		Actual	Mean					
	Acceptable Range	0.00000 - 100.00000 ft								

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SRMTAKNY St. Regis Mohawk Tribe (New York)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dissolved oxygen (DO)	%		Calculated	Mean				360.2	
	Salinity	ppt		Calculated	Mean					
	Acceptable Range	0.00000 - 0.50000 ppt								
	Specific conductance	mS/cm		Calculated	Mean				9050A	
	Acceptable Range	0.15000 - 0.50000 mS/cm								
	Temperature, water	deg C		Actual	Mean				170.1	
	Acceptable Range	0.00000 - 36.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
2001	bittern	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DEPTH	Depth, data-logger (ported)	ft		Actual	Mean					
	Acceptable Range	0.00000 - 100.00000 ft								
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean				360.2	
	Acceptable Range	6.00000 - 20.00000 mg/l								
DO%	Dissolved oxygen (DO)	%		Calculated	Mean				360.2	
PH	pH	None		Calculated	Mean				9040A	
	Acceptable Range	6.50000 - 9.00000 None								
SAL	Salinity	ppt		Calculated	Mean					
	Acceptable Range	0.00000 - 0.50000 ppt								
SPCOND	Specific conductance	uS/cm		Calculated	Mean				9050A	
	Acceptable Range	0.15000 - 0.50000 uS/cm								
TURB	Turbidity	NTU	Suspended	Calculated	Mean				180.1	
	Acceptable Range	0.00000 - 5.00000 NTU								
WTEMP	Temperature, water	deg C		Actual	Mean				170.1	
	Acceptable Range	0.00000 - 36.00000 deg C								

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St. Regis Mohawk Tribe (New York)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
2001A	tarbell	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DEPTH	Depth, data-logger (ported)	ft		Actual	Mean					
	Acceptable Range	0.00000 - 100.00000 ft								
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean				360.2	
	Acceptable Range	6.00000 - 20.00000 mg/l								
DO%	Dissolved oxygen (DO)	%		Calculated	Mean				360.2	
PH	pH	None		Calculated	Mean				9040A	
	Acceptable Range	6.50000 - 9.00000 None								
SAL	Salinity	ppt		Calculated	Mean					
	Acceptable Range	0.00000 - 0.50000 ppt								
SPCOND	Specific conductance	uS/cm		Calculated	Mean				9050A	
TURB	Turbidity	NTU	Suspended	Calculated	Mean				180.1	
	Acceptable Range	0.00000 - 5.00000 NTU								
WTEMP	Temperature, water	deg C		Actual	Mean				170.1	
	Acceptable Range	0.00000 - 36.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
2003	wade	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean				360.2	
	Acceptable Range	6.00000 - 20.00000 mg/l								
	Turbidity	NTU	Suspended	Calculated	Mean				180.1	
	Acceptable Range	0.00000 - 5.00000 NTU								

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St. Regis Mohawk Tribe (New York)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pH	None		Calculated	Mean				9040A	
	Acceptable Range	6.50000 - 9.00000	None							
	Depth, data-logger (ported)	ft		Actual	Mean					
	Acceptable Range	0.00000 - 100.00000	ft							
	Dissolved oxygen (DO)	%		Calculated	Mean				360.2	
	Salinity	ppt		Calculated	Mean					
	Acceptable Range	0.00000 - 0.50000	ppt							
	Specific conductance	mS/cm		Calculated	Mean				9050A	
	Temperature, water	deg C		Actual	Mean				170.1	
	Acceptable Range	0.00000 - 36.00000	deg C							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-WS-01	Data Logger - Water Sample	Data Logger	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
C	Temperature, water	deg C		Actual	Mean	Wet			170.1	
	Acceptable Range	-5.00000 - 50.00000	deg C							
D	Specific conductance	mS/cm		Actual					9050	
E	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.2	
F	Depth, data-logger (ported)	ft		Actual						
G	pH	None		Actual					9040A	
H	Turbidity	NTU	Suspended	Actual	Mean	Wet			180.1	
I	Salinity	ppt		Actual	Mean	Wet				
	Acceptable Range	0.00000 - 100.00000	ppt							

Characteristic Group Details

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SRMTAKNY

St. Regis Mohawk Tribe (New York)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CGSOL99	solomon 99 cg	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dissolved oxygen (DO)	mg/l	Dissolved	Calculated	Mean				360.2	
	Turbidity	NTU		Calculated	Mean				180.1	
	pH	None		Calculated	Mean				9040A	
	Depth, data-logger (ported)	ft		Actual	Mean					
	Dissolved oxygen (DO)	%		Calculated	Mean				360.2	
	Salinity	ppt		Calculated	Mean					
	Specific conductance	mS/cm		Calculated	Mean				9050A	
	Temperature, water	deg C		Actual	Mean				170.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATER	water parameters	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Turbidity	NTU		Calculated						
	pH	None		Calculated						
	Depth	ft		Calculated						
	Dissolved oxygen saturation	mg/l		Calculated						
	Dissolved oxygen (DO)	%		Calculated						
	Salinity	ppt		Calculated						
	Temperature, water	deg C		Calculated						

Characteristic Group Details

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SRMTAKNY

St. Regis Mohawk Tribe (New York)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATER2	water parameters	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Specific conductance	mS/cm		Calculated						
	Turbidity	NTU		Calculated						
	pH	None		Calculated						
	Depth	ft		Calculated						
	Dissolved oxygen saturation	mg/l		Calculated						
	Dissolved oxygen (DO)	%		Calculated						
	Salinity	ppt		Calculated						
	Temperature, water	deg C		Calculated						

Characteristic Group Details

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STROUD

Stroud Water Research Center (Pennsylvania)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHEM	Water Chemistry	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CL	Chloride	mg/l	Dissolved	Actual						
COND	Specific conductance	umho/cm		Actual					COND1.0	
DOC	Carbon, organic	mg/l	Dissolved	Actual		Dry			DOC1.0	
DON	Nitrogen, organic	mg/l	Dissolved	Actual						
NH4N	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					NH4N	
NO3N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual						
PH	pH	None		Actual					PH1.0	
PO4P	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
SKN	Nitrogen, Kjeldahl	mg/l	Dissolved	Actual						
TDP	Phosphorus	mg/l	Dissolved	Actual						
TP	Phosphorus	mg/l	Total	Actual						
TSS	Solids, Total Suspended (TSS)	mg/l	Total	Actual		Dry			TSS_VSS1.0	
VSS	Solids, Volatile	mg/l	Total	Actual					TSS_VSS1.0	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
OBS	Field Measurement/Observation	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
STREAMFLOW	Flow	l/sec		Calculated					FLOW1.0	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WELLOBS	Well Measurement/Observation	Field Msr/Obs	Other				N

Characteristic Group Details

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STROUD

Stroud Water Research Center (Pennsylvania)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DEPTH	Water level in well, depth from a reference point	m		Actual						

Characteristic Group Details

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SWFMDDEP Southwest Florida Water Management District (FLDEP)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FIELD	Field Measurements	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Temperature, water	deg C		Actual						
299	Dissolved oxygen (DO)	mg/l		Actual						
406	pH	None		Actual						
78	Depth, Secchi Disk Depth	m		Actual						
78A	Depth, Secchi Disk Depth (Choice List)									
82903	Depth, bottom	m		Actual						
94	Specific conductance	umho/cm		Actual						
96	Salinity	ppt		Calculated						
	Depth									
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
SWFDLAB	LAB PARAMETERS	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
32210	Chlorophyll a, uncorrected for pheophytin	ug/l		Actual					10200-H	
32211	Chlorophyll a, corrected for pheophytin	ug/l		Actual					10200-H	
32212	Chlorophyll-b	ug/l		Actual					10200-H	
32214	Chlorophyll-c	ug/l		Actual					10200-H	
32218	Pheophytin-a	ug/l		Actual						
32219	Pheophytin ratio	ug/l		Calculated					10200-H	
530	Solids, Total Suspended (TSS)	mg/l	Non-filterable	Actual					2540-D	

Characteristic Group Details

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SWFMDDEP

Southwest Florida Water Management District (FLDEP)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
600	Nitrogen ion (N)	mg/l	Total	Calculated					D5176	
608	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Dissolved	Actual						
613	Nitrogen, Nitrite (NO2) as N	mg/l	Dissolved	Actual					353.2	
618	Nitrogen, Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
625	Nitrogen, Kjeldahl	mg/l	Total	Actual						
631	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
665	Phosphorus as P	mg/l	Total	Actual						
671	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual						
680	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
70300	Solids, Dissolved	mg/l	Filterable	Actual					2540-C	
70971	Light attenuation coefficient	None		Actual						
80	Color, True	PCU		Actual					2120-B	
82079	Turbidity	NTU	Total	Actual						
82903	Depth, bottom	m		Actual						
940	Chloride	mg/l	Dissolved	Actual						
958	Silicate	mg/l		Actual						

Characteristic Group Details

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TDECDOE Tennessee Department of Environment and Conservation

Group ID INOS0000	Group Name Sediment inorganics	Field Activity Sample	Medium Sediment	Intent	Community	Result Group	Habitat N
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Citations Tennessee Department of Health Laboratory Services, 1999, Standard Operating Procedures, Tennessee Department of Health Laboratory Services, Vol. ___

Description Sediment inorganic parameters

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	mg/kg	Total	Actual					272.1	EPA 272.1
AL	Aluminum	mg/kg	Total	Actual						EPA 202.1
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/kg	Total	Actual						A.18.2
AS	Arsenic	mg/kg	Total	Actual					206.2	EPA 200.9
B	Boron	mg/kg	Total	Actual					212.3	A.3
BA	Barium	mg/kg	Total	Actual					208.1	EPA 208.1
CA	Calcium	mg/kg	Total	Actual						EPA 215.1
CD	Cadmium	mg/kg	Total	Actual					200.9	EPA 213.1
CN	Cyanide	mg/kg	Total	Actual					335.3	A.9
CO	Cobalt	mg/kg	Total	Actual						EPA 219.1
CR	Chromium	mg/kg	Total	Actual					200.9	EPA 218.1
CU	Copper	mg/kg	Total	Actual					200.9	EPA 220.1
FE	Iron	mg/kg	Total	Actual					200.9	EPA 236.1
HG	Mercury	mg/kg	Total	Actual					245.1	EPA 245.5
K	Potassium	mg/kg	Total	Actual						EPA 258.1
KJELDAHL	Nitrogen, Kjeldahl	mg/kg	Total	Actual						A.18.8.1
LITHIUM	Lithium	mg/kg	Total	Actual					200.7(S)	EPA 200.7
MG	Magnesium	mg/kg	Total	Actual					242.1	EPA 242.1
MN	Manganese	mg/kg	Total	Actual					243.2	EPA 200.9
NA	Sodium	mg/kg	Total	Actual					273.1	EPA 273.1
NI	Nickel	mg/kg	Total	Actual					249.2	EPA 249.1

Characteristic Group Details

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TDECDOE

Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO3_NO2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg	Total	Actual						A.18.4
OIL_GREA	Oil and Grease	mg/g	Total	Actual						A.19.1
PB	Lead	mg/kg	Total	Actual					200.9	EPA 239.1
PHENOLS	Phenols (mixture)	mg/kg	Total	Actual					A.23.1	A.23.1
PHOSPHAT	Phosphate	mg/kg	Total	Actual						A.18.9.1
SE	Selenium	mg/kg	Total	Actual					270.3	EPA 200.9
SOLIDS	Solids, Total	%		Actual					SOLIDS	% SOLIDS
TPH	Hydrocarbons, Volatile Petroleum (VPH)	mg/g	Total	Actual						A.19.2
ZN	Zinc	mg/kg	Total	Actual					289.2	EPA 289.1

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INOS0595	Sediment inorganics May 1995	Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Mercury	mg/kg	Total	Actual					245.1	EPA 245.5
	Nitrogen, Kjeldahl	mg/kg	Total	Actual						A.18.8.1
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg	Total	Actual						A.18.4
	Nitrogen, ammonia (NH3) as NH3	mg/kg	Total	Actual						A.18.2
	Boron	mg/kg	Total	Actual					212.3	A.3
	Zinc	mg/kg	Total	Actual					289.2	EPA 289.1
	Sodium	mg/kg	Total	Actual					273.1	EPA 273.1
	Silver	mg/kg	Total	Actual					272.1	EPA 272.1

Characteristic Group Details

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TDECDOE

Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Selenium	mg/kg	Total	Actual					270.3	EPA 200.9
	Potassium	mg/kg	Total	Actual						EPA 258.1
	Nickel	mg/kg	Total	Actual					249.2	EPA 249.1
	Phenols (mixture)	mg/kg	Total	Actual					A.23.1	A.23.1
	Oil and Grease	mg/g	Total	Actual						A.19.1
	Phosphate	mg/kg	Total	Actual						A.18.9.1
	Hydrocarbons, Volatile Petroleum (VPH)	mg/g	Total	Actual						A.19.2
	Lead	mg/kg	Total	Actual					200.9	EPA 239.1
	Iron	mg/kg	Total	Actual					200.9	EPA 236.1
	Copper	mg/kg	Total	Actual					200.9	EPA 220.1
	Cobalt	mg/kg	Total	Actual						EPA 219.1
	Chromium	mg/kg	Total	Actual					200.9	EPA 218.1
	Calcium	mg/kg	Total	Actual						EPA 215.1
	Cadmium	mg/kg	Total	Actual					200.9	EPA 213.1
	Barium	mg/kg	Total	Actual					208.1	EPA 208.1
	Arsenic	mg/kg	Total	Actual					206.2	EPA 200.9
	Aluminum	mg/kg	Total	Actual						EPA 202.1
	Magnesium	mg/kg	Total	Actual					242.1	EPA 242.1
	Solids, Total	%		Actual					SOLIDS	% SOLIDS
	Particle distribution									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INOS1997	Sediment inorganics 1997	Sample	Sediment				N
	Description	Sediment Inorganic parameters for 1997.					

Characteristic Group Details

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TDECDOE

Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Hydrocarbons, Volatile Petroleum (VPH)	mg/g	Total	Actual						A.19.2
	Phenols (mixture)	mg/kg	Total	Actual					A.23.1	A.23.1
	Oil and Grease	mg/g	Total	Actual						A.19.1
	Phosphate	mg/kg	Total	Actual						A.18.9.1
	Nitrogen, Kjeldahl	mg/kg	Total	Actual						A.18.8.1
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg	Total	Actual						A.18.4
	Nitrogen, ammonia (NH3) as NH3	mg/kg	Total	Actual						A.18.2
	Boron	mg/kg	Total	Actual					212.3	A.3
	Cyanide	mg/kg	Total	Actual					335.3	A.9
	Zinc	mg/kg	Total	Actual					289.2	EPA 289.1
	Sodium	mg/kg	Total	Actual					273.1	EPA 273.1
	Silver	mg/kg	Total	Actual					272.1	EPA 272.1
	Selenium	mg/kg	Total	Actual					270.3	EPA 200.9
	Potassium	mg/kg	Total	Actual						EPA 258.1
	Nickel	mg/kg	Total	Actual					249.2	EPA 249.1
	Mercury	mg/kg	Total	Actual					245.1	EPA 245.5
	Magnesium	mg/kg	Total	Actual					242.1	EPA 242.1
	Lead	mg/kg	Total	Actual					200.9	EPA 239.1
	Iron	mg/kg	Total	Actual					200.9	EPA 236.1
	Copper	mg/kg	Total	Actual					200.9	EPA 220.1
	Cobalt	mg/kg	Total	Actual						EPA 219.1
	Chromium	mg/kg	Total	Actual					200.9	EPA 218.1
	Calcium	mg/kg	Total	Actual						EPA 215.1
	Cadmium	mg/kg	Total	Actual					200.9	EPA 213.1
	Barium	mg/kg	Total	Actual					208.1	EPA 208.1

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Arsenic	mg/kg	Total	Actual					206.2	EPA 200.9
	Aluminum	mg/kg	Total	Actual					202.1	EPA 202.1
	Solids, Total	%		Actual					SOLIDS	% SOLIDS

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INOS1998	Sediment Inorganics 1998	Sample	Sediment				N
	Description	Sediment inorganic parameters for 1998					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nickel	mg/kg	Total	Actual					249.2	EPA 249.1
	Mercury	mg/kg	Total	Actual					245.1	EPA 245.5
	Magnesium	mg/kg	Total	Actual					242.1	EPA 242.1
	Lead	mg/kg	Total	Actual					200.9	EPA 239.1
	Iron	mg/kg	Total	Actual					200.9	EPA 236.1
	Copper	mg/kg	Total	Actual					200.9	EPA 220.1
	Cobalt	mg/kg	Total	Actual						EPA 219.1
	Chromium	mg/kg	Total	Actual					200.9	EPA 218.1
	Calcium	mg/kg	Total	Actual						EPA 215.1
	Cadmium	mg/kg	Total	Actual					200.9	EPA 213.1
	Barium	mg/kg	Total	Actual					208.1	EPA 208.1
	Arsenic	mg/kg	Total	Actual					206.2	EPA 200.9
	Aluminum	mg/kg	Total	Actual						EPA 202.1
	Hydrocarbons, Volatile Petroleum (VPH)	mg/g	Total	Actual						A.19.2
	Phosphate	mg/kg	Total	Actual						A.18.9.1
	Phenols (mixture)	mg/kg	Total	Actual					A.23.1	A.23.1

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrogen, Kjeldahl	mg/kg	Total	Actual						A.18.8.1
	Oil and Grease	mg/g	Total	Actual						A.19.1
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg	Total	Actual						A.18.4
	Cyanide	mg/kg	Total	Actual					335.3	A.9
	Boron	mg/kg	Total	Actual					212.3	A.3
	Nitrogen, ammonia (NH3) as NH3	mg/kg	Total	Actual						A.18.2
	Zinc	mg/kg	Total	Actual					289.2	EPA 289.1
	Sodium	mg/kg	Total	Actual					273.1	EPA 273.1
	Silver	mg/kg	Total	Actual					272.1	EPA 272.1
	Selenium	mg/kg	Total	Actual					270.3	EPA 200.9
	Potassium	mg/kg	Total	Actual						EPA 258.1
	Solids, Total	%		Actual					SOLIDS	% SOLIDS

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INOS1999	Sediment inorganics 1999	Sample	Sediment				N
	Description Sediment inorganic parameters for 1999.						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Phosphate	mg/kg	Total	Actual						A.18.9.1
	Nitrogen, Kjeldahl	mg/kg	Total	Actual						A.18.8.1
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/kg	Total	Actual						A.18.4
	Nitrogen, ammonia (NH3) as NH3	mg/kg	Total	Actual						A.18.2
	Zinc	mg/kg	Total	Actual					289.2	EPA 289.1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nickel	mg/kg	Total	Actual					249.2	EPA 249.1
	Mercury	mg/kg	Total	Actual					245.1	EPA 245.5
	Manganese	mg/kg	Total	Actual					243.2	EPA 200.9
	Lead	mg/kg	Total	Actual					200.9	EPA 239.1
	Iron	mg/kg	Total	Actual					200.9	EPA 236.1
	Copper	mg/kg	Total	Actual					200.9	EPA 220.1
	Chromium	mg/kg	Total	Actual					200.9	EPA 218.1
	Cadmium	mg/kg	Total	Actual					200.9	EPA 213.1
	Arsenic	mg/kg	Total	Actual					206.2	EPA 200.9
	Solids, Total	%		Actual					SOLIDS	% SOLIDS

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
INOS2002	Sediment organics 2002	Sample	Sediment				N
	Description	Sediment inorganic parameters for 2002.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Zinc	mg/kg	Total	Actual					289.2	EPA 289.1
	Nickel	mg/kg	Total	Actual					249.2	EPA 249.1
	Mercury	mg/kg	Total	Actual					245.1	EPA 245.5
	Manganese	mg/kg	Total	Actual					243.2	EPA 200.9
	Magnesium	mg/kg	Total	Actual					242.1	EPA 242.1
	Lead	mg/kg	Total	Actual					200.9	EPA 239.1
	Iron	mg/kg	Total	Actual					200.9	EPA 236.1
	Copper	mg/kg	Total	Actual					200.9	EPA 220.1
	Chromium	mg/kg	Total	Actual					200.9	EPA 218.1
	Cadmium	mg/kg	Total	Actual					200.9	EPA 213.1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Arsenic	mg/kg	Total	Actual					206.2	EPA 200.9
	Aluminum	mg/kg	Total	Actual					202.1	EPA 202.1
	Solids, Total	%		Actual					SOLIDS	% SOLIDS

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS0194	Sediment organics January 1994	Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Naphthalene	ppb	Total	Actual						MS+ECD
	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
	Anthracene	ppb	Total	Actual						MS+ECD
	Acenaphthylene	ppb	Total	Actual						MS+ECD
	Acenaphthene	ppb	Total	Actual						MS+ECD
	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	nitro-Benzene	ppb	Total	Actual						MS+ECD
	Isophorone	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
	Pyrene	ppb	Total	Actual						MS+ECD
	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD
	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
	Diethyl phthalate	ppb	Total	Actual						MS+ECD
	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD
	Dieldrin	ppb	Total	Actual						MS+ECD
	DDT ***retired*** (use DDT, p,p'-)	ppb	Total	Actual						MS+ECD
	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
	Chlordane	ppb	Total	Actual						MS+ECD
	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
	BHC-delta	ppb	Total	Actual						MS+ECD
	BHC-beta	ppb	Total	Actual						MS+ECD
	BHC-alpha	ppb	Total	Actual						MS+ECD
	Aldrin	ppb	Total	Actual						MS+ECD
	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD
	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Hexachloroethane	ppb	Total	Actual						MS+ECD
	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD
	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
	2,4,6-Trichlorophenol (TCPh)	ppb	Total	Actual						MS+ECD
	Phenol	ppb	Total	Actual						MS+ECD
	Pentachlorophenol (PCP)	ppb	Total	Actual						MS+ECD
	p-Nitrophenol	ppb	Total	Actual						MS+ECD
	Nitrophenol, 2-	ppb	Total	Actual						MS+ECD
	Dinitro-o-cresol	ppb	Total	Actual						MS+ECD
	Dinitrophenol, 2,4-	ppb	Total	Actual						MS+ECD
	2,4-Dimethylphenol	ppb	Total	Actual						MS+ECD
	2,4-Dichlorophenol	ppb	Total	Actual						MS+ECD
	Chlorophenol-2	ppb	Total	Actual						MS+ECD
	4-Chloro-3-methylphenol	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
	Methoxychlor	ppb	Total	Actual						MS+ECD
	Toxaphene	ppb	Total	Actual						MS+ECD
	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
	Heptachlor	ppb	Total	Actual						MS+ECD
	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
	Endrin	ppb	Total	Actual						MS+ECD
	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS0195	Sediment organics	January 1995 Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
	Pyrene	ppb	Total	Actual						MS+ECD
	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
	Naphthalene	ppb	Total	Actual						MS+ECD
	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
	Anthracene	ppb	Total	Actual						MS+ECD
	Acenaphthylene	ppb	Total	Actual						MS+ECD
	Acenaphthene	ppb	Total	Actual						MS+ECD
	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	nitro-Benzene	ppb	Total	Actual						MS+ECD
	Isophorone	ppb	Total	Actual						MS+ECD
	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD
	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
	BHC-delta	ppb	Total	Actual						MS+ECD
	BHC-beta	ppb	Total	Actual						MS+ECD
	BHC-alpha	ppb	Total	Actual						MS+ECD
	Aldrin	ppb	Total	Actual						MS+ECD
	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD
	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachloroethane	ppb	Total	Actual						MS+ECD
	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chlordane, cis	ppb	Total	Actual						MS+ECD
	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD
	Dieldrin	ppb	Total	Actual						MS+ECD
	DDT ***retired*** (use DDT, p,p'-)	ppb	Total	Actual						MS+ECD
	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
	Chlordane	ppb	Total	Actual						MS+ECD
	Chlordane, gamma	ppb	Total	Actual						MS+ECD
	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
	Methoxychlor	ppb	Total	Actual						MS+ECD
	Toxaphene	ppb	Total	Actual						MS+ECD
	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
	Heptachlor	ppb	Total	Actual						MS+ECD
	Endrin ketone	ppb	Total	Actual						MS+ECD
	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
	Endrin	ppb	Total	Actual						MS+ECD
	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
	p-Nitrophenol	ppb	Total	Actual						MS+ECD
	Nitrophenol, 2-	ppb	Total	Actual						MS+ECD
	Dinitro-o-cresol	ppb	Total	Actual						MS+ECD
	Dinitrophenol, 2,4-	ppb	Total	Actual						MS+ECD
	2,4-Dimethylphenol	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	2,4-Dichlorophenol	ppb	Total	Actual						MS+ECD
	Chlorophenol-2	ppb	Total	Actual						MS+ECD
	4-Chloro-3-methylphenol	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
	2,4,6-Trichlorophenol (TCPh)	ppb	Total	Actual						MS+ECD
	Phenol	ppb	Total	Actual						MS+ECD
	Pentachlorophenol (PCP)	ppb	Total	Actual						MS+ECD
	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
	Diethyl phthalate	ppb	Total	Actual						MS+ECD
	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS0595	Sediment organics May 1995	Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
	Dimethyl phthalate	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Diethyl phthalate	ppb	Total	Actual						MS+ECD
	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD
	Acenaphthene	ppb	Total	Actual						MS+ECD
	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	nitro-Benzene	ppb	Total	Actual						MS+ECD
	Isophorone	ppb	Total	Actual						MS+ECD
	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
	Anthracene	ppb	Total	Actual						MS+ECD
	Acenaphthylene	ppb	Total	Actual						MS+ECD
	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
	BHC-alpha	ppb	Total	Actual						MS+ECD
	Aldrin	ppb	Total	Actual						MS+ECD
	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachloroethane	ppb	Total	Actual						MS+ECD
	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD
	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
	Pyrene	ppb	Total	Actual						MS+ECD
	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
	Naphthalene	ppb	Total	Actual						MS+ECD
	BHC-beta	ppb	Total	Actual						MS+ECD
	Methoxychlor	ppb	Total	Actual						MS+ECD
	Toxaphene	ppb	Total	Actual						MS+ECD
	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
	Heptachlor	ppb	Total	Actual						MS+ECD
	Endrin ketone	ppb	Total	Actual						MS+ECD
	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
	Endrin	ppb	Total	Actual						MS+ECD
	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD
	Dieldrin	ppb	Total	Actual						MS+ECD
	DDT ***retired*** (use DDT, p,p'-	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
)									
	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
)									
	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
	Chlordane	ppb	Total	Actual						MS+ECD
	Chlordane, gamma	ppb	Total	Actual						MS+ECD
	Chlordane, cis	ppb	Total	Actual						MS+ECD
	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
	BHC-delta	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS1094	Sediment organics October 1994	Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
	Chlordane	ppb	Total	Actual						MS+ECD
	Chlordane, gamma	ppb	Total	Actual						MS+ECD
	Chlordane, cis	ppb	Total	Actual						MS+ECD
	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
	BHC-delta	ppb	Total	Actual						MS+ECD
	BHC-beta	ppb	Total	Actual						MS+ECD
	BHC-alpha	ppb	Total	Actual						MS+ECD
	Aldrin	ppb	Total	Actual						MS+ECD
	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD
	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachloroethane	ppb	Total	Actual						MS+ECD
	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD
	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
	Pyrene	ppb	Total	Actual						MS+ECD
	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
	Naphthalene	ppb	Total	Actual						MS+ECD
	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
	Anthracene	ppb	Total	Actual						MS+ECD
	Acenaphthylene	ppb	Total	Actual						MS+ECD
	Acenaphthene	ppb	Total	Actual						MS+ECD
	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	nitro-Benzene	ppb	Total	Actual						MS+ECD
	Isophorone	ppb	Total	Actual						MS+ECD
	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD
	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
	Diethyl phthalate	ppb	Total	Actual						MS+ECD
	Toxaphene	ppb	Total	Actual						MS+ECD
	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
	Heptachlor	ppb	Total	Actual						MS+ECD
	Endrin ketone	ppb	Total	Actual						MS+ECD
	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
	Endrin	ppb	Total	Actual						MS+ECD
	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dieldrin	ppb	Total	Actual						MS+ECD
	DDT ***retired*** (use DDT, p,p'-)	ppb	Total	Actual						MS+ECD
	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
	Methoxychlor	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS1995	Sediment organics 1995	Sample	Sediment				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Pyrene	ppb	Total	Actual						MS+ECD
	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
	Naphthalene	ppb	Total	Actual						MS+ECD
	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
	Anthracene	ppb	Total	Actual						MS+ECD
	Acenaphthylene	ppb	Total	Actual						MS+ECD
	Acenaphthene	ppb	Total	Actual						MS+ECD
	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
	nitro-Benzene	ppb	Total	Actual						MS+ECD
	Isophorone	ppb	Total	Actual						MS+ECD
	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD
	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
	Diethyl phthalate	ppb	Total	Actual						MS+ECD
	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
	Dibutyl phthalate	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
	Methoxychlor	ppb	Total	Actual						MS+ECD
	Toxaphene	ppb	Total	Actual						MS+ECD
	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
	Heptachlor	ppb	Total	Actual						MS+ECD
	Endrin ketone	ppb	Total	Actual						MS+ECD
	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
	Endrin	ppb	Total	Actual						MS+ECD
	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD
	Dieldrin	ppb	Total	Actual						MS+ECD
	DDT ***retired*** (use DDT, p,p'-)	ppb	Total	Actual						MS+ECD
	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
	Chlordane	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chlordane, gamma	ppb	Total	Actual						MS+ECD
	Chlordane, cis	ppb	Total	Actual						MS+ECD
	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
	BHC-delta	ppb	Total	Actual						MS+ECD
	BHC-beta	ppb	Total	Actual						MS+ECD
	BHC-alpha	ppb	Total	Actual						MS+ECD
	Aldrin	ppb	Total	Actual						MS+ECD
	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD
	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachloroethane	ppb	Total	Actual						MS+ECD
	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS1996	Sediment organics 1996	Sample	Sediment				N

Description Sediment extractable organic parameters for 1996

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
(B)ANTHR	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
2,4-DNT	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
2,6-DNT	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
2-NITROP	Nitrophenol, 2-	ppb	Total	Actual						MS+ECD
A-CHLORD	Chlordane, cis	ppb	Total	Actual						MS+ECD
ACENAP	Acenaphthene	ppb	Total	Actual						MS+ECD
ACENAPY	Acenaphthylene	ppb	Total	Actual						MS+ECD
ALDRIN	Aldrin	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALPH-BHC	BHC-alpha	ppb	Total	Actual						MS+ECD
ANTHR	Anthracene	ppb	Total	Actual						MS+ECD
B(B)F	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
BBP	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
BENZO(G)	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
BENZO(K)	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
BETA-BHC	BHC-beta	ppb	Total	Actual						MS+ECD
BP	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
C12H9CLO	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
CHLORDAN	Chlordane	ppb	Total	Actual						MS+ECD
CHRYSENE	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
DBA	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
DBP	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
DCEE	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
DCIP	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
DCP	2,4-Dichlorophenol	ppb	Total	Actual						MS+ECD
DEHP	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
DELTA-BHC	BHC-delta	ppb	Total	Actual						MS+ECD
DEP	Diethyl phthalate	ppb	Total	Actual						MS+ECD
DIELDRIN	Dieldrin	ppb	Total	Actual						MS+ECD
DMN	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
DMP	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
DNC	Dinitro-o-cresol	ppb	Total	Actual						MS+ECD
DNOP	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
DPN	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
ENDOSUL1	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ENDOSUL2	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
ENDRIN	Endrin	ppb	Total	Actual						MS+ECD
ESS	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
FLUORANT	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
FLUORENE	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
G-CHLORD	Chlordane, gamma	ppb	Total	Actual						MS+ECD
GAMM-BHC	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
HCB	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
HCBD	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD
HCCPD	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
HCE	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
HEPTACHL	Heptachlor	ppb	Total	Actual						MS+ECD
IP	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
ISOFORON	Isophorone	ppb	Total	Actual						MS+ECD
NAPHTHAL	Naphthalene	ppb	Total	Actual						MS+ECD
NB	nitro-Benzene	ppb	Total	Actual						MS+ECD
NDPA	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD
P,P-DDD	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
P,P-DDE	DDE ***retired*** (use DDE, p,p')	ppb	Total	Actual						MS+ECD
P,P-DDT	DDT ***retired*** (use DDT, p,p')	ppb	Total	Actual						MS+ECD
PCB 1016	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
PCB 1232	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
PCB 1248	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
PCB 1254	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
PCB 1260	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PCB 1262	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
PHENANTH	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
PHENOL	Phenol	ppb	Total	Actual						MS+ECD
PYRENE	Pyrene	ppb	Total	Actual						MS+ECD
RCRA U247	Methoxychlor	ppb	Total	Actual						MS+ECD
RCRAP048	Dinitrophenol, 2,4-	ppb	Total	Actual						MS+ECD
RCRAU024	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
RCRAU030	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
RCRAU039	4-Chloro-3-methylphenol	ppb	Total	Actual						MS+ECD
RCRAU047	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD
RCRAU048	Chlorophenol-2	ppb	Total	Actual						MS+ECD
RCRAU101	2,4-Dimethylphenol	ppb	Total	Actual						MS+ECD
RCRAU131	Hexachloroethane	ppb	Total	Actual						MS+ECD
RCRAU170	p-Nitrophenol	ppb	Total	Actual						MS+ECD
RCRAU231	2,4,6-Trichlorophenol (TCPH)	ppb	Total	Actual						MS+ECD
RCRAU242	Pentachlorophenol (PCP)	ppb	Total	Actual						MS+ECD
SD 7442	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
SD2614	Endrin ketone	ppb	Total	Actual						MS+ECD
TOXAPHEN	Toxaphene	ppb	Total	Actual						MS+ECD
UN2321	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS1997	Sediment organics 1997	Sample	Sediment				N
Description		Sediment extractable organic parameters for 1997.					

Characteristic Group Details

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitroaniline, 2-	ppb	Total	Actual						MS+ECD
	Dichlorobenzidine, 3,3'-	ppb	Total	Actual						MS+ECD
	Dibenzofuran	ppb	Total	Actual						MS+ECD
	Chloroaniline, 4-	ppb	Total	Actual						MS+ECD
	Benzyl alcohol	ppb	Total	Actual						MS+ECD
	Benzoic acid	ppb	Total	Actual						MS+ECD
	Methylnaphthalene, 2-	ppb	Total	Actual						MS+ECD
	Cresol, p-	ppb	Total	Actual						MS+ECD
	Cresol, m-	ppb	Total	Actual						MS+ECD
	Cresol, o-	ppb	Total	Actual						MS+ECD
	Trichlorophenol, 2,4,5-	ppb	Total	Actual						MS+ECD
	2,4,6-Trichlorophenol (TCP)	ppb	Total	Actual						MS+ECD
	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
	Chlordane	ppb	Total	Actual						MS+ECD
	Chlordane, gamma	ppb	Total	Actual						MS+ECD
	Chlordane, cis	ppb	Total	Actual						MS+ECD
	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
	BHC-delta	ppb	Total	Actual						MS+ECD
	BHC-beta	ppb	Total	Actual						MS+ECD
	BHC-alpha	ppb	Total	Actual						MS+ECD
	Aldrin	ppb	Total	Actual						MS+ECD
	p-Nitroaniline	ppb	Total	Actual						MS+ECD
	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
	m-Nitroaniline	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
	Methoxychlor	ppb	Total	Actual						MS+ECD
	Toxaphene	ppb	Total	Actual						MS+ECD
	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
	Heptachlor	ppb	Total	Actual						MS+ECD
	Endrin ketone	ppb	Total	Actual						MS+ECD
	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
	Endrin	ppb	Total	Actual						MS+ECD
	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD
	Dieldrin	ppb	Total	Actual						MS+ECD
	DDT ***retired*** (use DDT, p,p'-)	ppb	Total	Actual						MS+ECD
	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
	Diethyl phthalate	ppb	Total	Actual						MS+ECD
	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chlorophenol-2	ppb	Total	Actual						MS+ECD
	4-Chloro-3-methylphenol	ppb	Total	Actual						MS+ECD
	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD
	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachloroethane	ppb	Total	Actual						MS+ECD
	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD
	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
	Pyrene	ppb	Total	Actual						MS+ECD
	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
	Naphthalene	ppb	Total	Actual						MS+ECD
	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
	Anthracene	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acenaphthylene	ppb	Total	Actual						MS+ECD
	Acenaphthene	ppb	Total	Actual						MS+ECD
	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	nitro-Benzene	ppb	Total	Actual						MS+ECD
	Isophorone	ppb	Total	Actual						MS+ECD
	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
	Dinitrophenol, 2,4-	ppb	Total	Actual						MS+ECD
	2,4-Dimethylphenol	ppb	Total	Actual						MS+ECD
	2,4-Dichlorophenol	ppb	Total	Actual						MS+ECD
	Phenol	ppb	Total	Actual						MS+ECD
	Pentachlorophenol (PCP)	ppb	Total	Actual						MS+ECD
	p-Nitrophenol	ppb	Total	Actual						MS+ECD
	Nitrophenol, 2-	ppb	Total	Actual						MS+ECD
	Dinitro-o-cresol	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS2001	Sediment organics 2001	Sample	Sediment				N
	Description	Organic sediment parameters for 2001					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
(B)ANTHR	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
2,4-DNT	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
2,6-DNT	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
2-NITROA	Nitroaniline, 2-	ppb	Total	Actual						MS+ECD
2-NITROP	Nitrophenol, 2-	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
3-NITROA	m-Nitroaniline	ppb	Total	Actual						MS+ECD
4-NITROA	p-Nitroaniline	ppb	Total	Actual						MS+ECD
A-CHLORD	Chlordane, cis	ppb	Total	Actual						MS+ECD
ACENAP	Acenaphthene	ppb	Total	Actual						MS+ECD
ACENAPY	Acenaphthylene	ppb	Total	Actual						MS+ECD
ACETOPHE	Acetophenone	ppb	Total	Actual						MS+ECD
ALDRIN	Aldrin	ppb	Total	Actual						MS+ECD
ALPH-BHC	BHC-alpha	ppb	Total	Actual						MS+ECD
ANTHR	Anthracene	ppb	Total	Actual						MS+ECD
B(B)F	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
BBP	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
BENZALDE	Benzaldehyde	ppb	Total	Actual						MS+ECD
BENZO(G)	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
BENZO(K)	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
BETA-BHC	BHC-beta	ppb	Total	Actual						MS+ECD
BIPHENYL	Biphenyl	ppb	Total	Actual						MS+ECD
BP	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
C11H10	Methylnaphthalene, 2-	ppb	Total	Actual						MS+ECD
C12H9CLO	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
CAPROLAC	Caprolactam	ppb	Total	Actual						MS+ECD
CARBAZOL	Carbazole	ppb	Total	Actual						MS+ECD
CHLORDAN	Chlordane	ppb	Total	Actual						MS+ECD
CHRYSENE	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
DBA	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
DBF	Dibenzofuran	ppb	Total	Actual						MS+ECD
DBP	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
DCB	Dichlorobenzidine, 3,3'-	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DCEE	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
DCIP	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
DCP	2,4-Dichlorophenol	ppb	Total	Actual						MS+ECD
DEHP	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
DELTA-BHC	BHC-delta	ppb	Total	Actual						MS+ECD
DEP	Diethyl phthalate	ppb	Total	Actual						MS+ECD
DIELDRIN	Dieldrin	ppb	Total	Actual						MS+ECD
DMP	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
DNC	Dinitro-o-cresol	ppb	Total	Actual						MS+ECD
DNOP	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
DPN	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
ENDOSUL1	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD
ENDOSUL2	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
ENDRIN	Endrin	ppb	Total	Actual						MS+ECD
ESS	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
FLUORANT	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
FLUORENE	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
G-CHLORD	Chlordane, gamma	ppb	Total	Actual						MS+ECD
GAMM-BHC	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
HCB	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
HCBD	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD
HCCPD	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD
HCE	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
HEPTACHL	Heptachlor	ppb	Total	Actual						MS+ECD
IP	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
ISOFORON	Isophorone	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
M-CRESOL	Cresol, m-	ppb	Total	Actual						MS+ECD
NAPHTHAL	Naphthalene	ppb	Total	Actual						MS+ECD
NB	nitro-Benzene	ppb	Total	Actual						MS+ECD
NDPA	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD
O-CRESOL	Cresol, o-	ppb	Total	Actual						MS+ECD
P,P-DDD	DDD ***retired*** (use DDD, p,p')	ppb	Total	Actual						MS+ECD
P,P-DDE	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
P,P-DDT	DDT ***retired*** (use DDT, p,p'-)	ppb	Total	Actual						MS+ECD
P-CRESOL	Cresol, p-	ppb	Total	Actual						MS+ECD
PCB1016	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
PCB1221	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD
PCB1232	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
PCB1248	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
PCB1254	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
PCB1260	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD
PCB1262	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
PHENANTH	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
PHENOL	Phenol	ppb	Total	Actual						MS+ECD
PYRENE	Pyrene	ppb	Total	Actual						MS+ECD
RCRAP024	Chloroaniline, 4-	ppb	Total	Actual						MS+ECD
RCRAP048	Dinitrophenol, 2,4-	ppb	Total	Actual						MS+ECD
RCRAU024	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
RCRAU030	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
RCRAU039	4-Chloro-3-methylphenol	ppb	Total	Actual						MS+ECD
RCRAU047	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
RCRAU048	Chlorophenol-2	ppb	Total	Actual						MS+ECD
RCRAU101	2,4-Dimethylphenol	ppb	Total	Actual						MS+ECD
RCRAU131	Hexachloroethane	ppb	Total	Actual						MS+ECD
RCRAU170	p-Nitrophenol	ppb	Total	Actual						MS+ECD
RCRAU230	Trichlorophenol, 2,4,5-	ppb	Total	Actual						MS+ECD
RCRAU231	2,4,6-Trichlorophenol (TCPH)	ppb	Total	Actual						MS+ECD
RCRAU242	Pentachlorophenol (PCP)	ppb	Total	Actual						MS+ECD
RCRAU247	Methoxychlor	ppb	Total	Actual						MS+ECD
SD2614	Endrin ketone	ppb	Total	Actual						MS+ECD
SD7442	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
TOXAPHEN	Toxaphene	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ORGS2002	Sediment organics 2002	Sample	Sediment				N
Description		Sediment extractable organic parameters for 2002.					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Dimethyl phthalate	ppb	Total	Actual						MS+ECD
	Diethyl phthalate	ppb	Total	Actual						MS+ECD
	bis(n-octyl) Phthalate	ppb	Total	Actual						MS+ECD
	Dibutyl phthalate	ppb	Total	Actual						MS+ECD
	bis(2-ethylhexyl) phthalate (DEHP)	ppb	Total	Actual						MS+ECD
	Butyl benzyl phthalate	ppb	Total	Actual						MS+ECD
	Nitrosodimethylamine, n-	ppb	Total	Actual						MS+ECD
	Hexachlorocyclopentadiene	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chlorophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bromophenyl-4 phenyl ether	ppb	Total	Actual						MS+ECD
	Bis(2-chloroisopropyl) ether	ppb	Total	Actual						MS+ECD
	bis(2-chloroethoxy) methane	ppb	Total	Actual						MS+ECD
	bis(2-chloroethyl) ether	ppb	Total	Actual						MS+ECD
	Chrysenes C1-C4	ppb	Total	Actual						MS+ECD
	Pyrene	ppb	Total	Actual						MS+ECD
	Phenanthrenes, C1-C4	ppb	Total	Actual						MS+ECD
	Naphthalene	ppb	Total	Actual						MS+ECD
	Indeno[1,2,3-cd]pyrene	ppb	Total	Actual						MS+ECD
	Fluorenes, C1-C3	ppb	Total	Actual						MS+ECD
	Fluoranthenes, C1-C4	ppb	Total	Actual						MS+ECD
	Dibenzo[a,h]anthracene	ppb	Total	Actual						MS+ECD
	Benzo[k]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[g,h,i]perylene	ppb	Total	Actual						MS+ECD
	Benzo[b]fluoranthene	ppb	Total	Actual						MS+ECD
	Benzo[a]pyrene	ppb	Total	Actual						MS+ECD
	Benzo[a]anthracene	ppb	Total	Actual						MS+ECD
	Anthracene	ppb	Total	Actual						MS+ECD
	Acenaphthylene	ppb	Total	Actual						MS+ECD
	Acenaphthene	ppb	Total	Actual						MS+ECD
	2,6-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	2,4-Dinitrotoluene	ppb	Total	Actual						MS+ECD
	nitro-Benzene	ppb	Total	Actual						MS+ECD
	Isophorone	ppb	Total	Actual						MS+ECD
	n-Nitrosodipropylamine	ppb	Total	Actual						MS+ECD
	n-Nitrosodiphenylamine	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	1,2,4-Trichlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachloroethane	ppb	Total	Actual						MS+ECD
	Hexachlorobenzene	ppb	Total	Actual						MS+ECD
	Hexachlorobutadiene	ppb	Total	Actual						MS+ECD
	Carbazole	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1262	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1260	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1254	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1248	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1232	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1221	ppb	Total	Actual						MS+ECD
	Pcb-aroclor 1016/1242	ppb	Total	Actual						MS+ECD
	Methoxychlor	ppb	Total	Actual						MS+ECD
	Toxaphene	ppb	Total	Actual						MS+ECD
	Heptachlor epoxide	ppb	Total	Actual						MS+ECD
	Heptachlor	ppb	Total	Actual						MS+ECD
	Endrin ketone	ppb	Total	Actual						MS+ECD
	Endrin Aldehyde	ppb	Total	Actual						MS+ECD
	Endrin	ppb	Total	Actual						MS+ECD
	Endosulfan Sulfate	ppb	Total	Actual						MS+ECD
	Endosulfan, beta-	ppb	Total	Actual						MS+ECD
	Endosulfan, alpha-	ppb	Total	Actual						MS+ECD
	Dieldrin	ppb	Total	Actual						MS+ECD
	DDT ***retired*** (use DDT, p,p'-)	ppb	Total	Actual						MS+ECD
	DDE ***retired*** (use DDE, p,p'-)	ppb	Total	Actual						MS+ECD
	DDD ***retired*** (use DDD,	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	p,p')									
	Chlordane	ppb	Total	Actual						MS+ECD
	Chlordane, gamma	ppb	Total	Actual						MS+ECD
	Chlordane, cis	ppb	Total	Actual						MS+ECD
	BHC-gamma (Lindane)	ppb	Total	Actual						MS+ECD
	BHC-delta	ppb	Total	Actual						MS+ECD
	BHC-beta	ppb	Total	Actual						MS+ECD
	BHC-alpha	ppb	Total	Actual						MS+ECD
	Caprolactam	ppb	Total	Actual						MS+ECD
	Biphenyl	ppb	Total	Actual						MS+ECD
	Aldrin	ppb	Total	Actual						MS+ECD
	p-Nitroaniline	ppb	Total	Actual						MS+ECD
	m-Nitroaniline	ppb	Total	Actual						MS+ECD
	Nitroaniline, 2-	ppb	Total	Actual						MS+ECD
	Dichlorobenzidine, 3,3'-	ppb	Total	Actual						MS+ECD
	Dibenzofuran	ppb	Total	Actual						MS+ECD
	Chloroaniline, 4-	ppb	Total	Actual						MS+ECD
	Methylnaphthalene, 2-	ppb	Total	Actual						MS+ECD
	Cresol, p-	ppb	Total	Actual						MS+ECD
	Cresol, m-	ppb	Total	Actual						MS+ECD
	Cresol, o-	ppb	Total	Actual						MS+ECD
	Pyridine	ppb	Total	Actual						MS+ECD
	Trichlorophenol, 2,4,5-	ppb	Total	Actual						MS+ECD
	2,4,6-Trichlorophenol (TCP)	ppb	Total	Actual						MS+ECD
	Phenol	ppb	Total	Actual						MS+ECD
	Pentachlorophenol (PCP)	ppb	Total	Actual						MS+ECD
	p-Nitrophenol	ppb	Total	Actual						MS+ECD

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Nitrophenol, 2-	ppb	Total	Actual						MS+ECD
	Dinitro-o-cresol	ppb	Total	Actual						MS+ECD
	Dinitrophenol, 2,4-	ppb	Total	Actual						MS+ECD
	2,4-Dimethylphenol	ppb	Total	Actual						MS+ECD
	2,4-Dichlorophenol	ppb	Total	Actual						MS+ECD
	Chlorophenol-2	ppb	Total	Actual						MS+ECD
	4-Chloro-3-methylphenol	ppb	Total	Actual						MS+ECD
	Chloronaphthalene-2	ppb	Total	Actual						MS+ECD
	Benzaldehyde	ppb	Total	Actual						MS+ECD
	Acetophenone	ppb	Total	Actual						MS+ECD

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PARTICLE	particle size	Sample	Sediment				N

Citations Tennessee Department of Health Laboratory Services, 1999, Standard Operating Procedures, Tennessee Department of Health Laboratory Services, Vol. __

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Particle distribution	%		Actual						
					Particle Size Basis		CLAY			
	Particle distribution	%		Actual						
					Particle Size Basis		SILT			
	Particle distribution	%		Actual						
					Particle Size Basis		GRAVEL			
	Particle distribution	%		Actual						
					Particle Size Basis		SAND			

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RADS1994	Sediment radiological 1994	Sample	Sediment				N

Description Sediment radiological parameters for 1994

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AC-228	Actinium-228	pCi/g	Total	Actual						R.6
ALPHA	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/g	Total	Actual						R.1.3
BETA	Gross beta radioactivity, (Cesium-137 ref std)	pCi/g	Total	Actual						R.1.3
BI-212	Bismuth-212	pCi/g	Total	Actual						R.6
BI-214	Bismuth-214	pCi/g	Total	Actual						R.6
CO-60	Cobalt-60	pCi/g	Total	Actual						R.6
CS-137	Cesium-137	pCi/g	Total	Actual						R.6
K-40	Potassium-40	pCi/g	Total	Actual						R.6
PB-212	Lead-212	pCi/g	Total	Actual						R.6
PB-214	Lead-214	pCi/g	Total	Actual						R.6
SR-89	Strontium-89	pCi/g	Total	Actual						R.6
SR-90	Strontium-90	pCi/g	Total	Actual						R.6
THORIUM	Thorium	pCi/g	Total	Actual						R.6
TL-208	Thallium	pCi/g	Total	Actual						R.6
URANIUM	Uranium	pCi/g	Total	Actual						R.6

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
RADS1995	Sediment radiological 1995	Sample	Sediment				N

Citations Tennessee Department of Health Laboratory Services, 1999, Standard Operating Procedures, Tennessee Department of Health Laboratory Services, Vol. __

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AC-228	Actinium-228	pCi/g	Total	Actual						R.6
ALPHA	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/g	Total	Actual						R.1.3
BE-7	Beryllium-7	pCi/g	Total	Actual						R.6
BETA	Gross beta radioactivity, (Cesium-137 ref std)	pCi/g	Total	Actual						R.1.3
BI-212	Bismuth-212	pCi/g	Total	Actual						R.6
BI-214	Bismuth-214	pCi/g	Total	Actual						R.6
CO-60	Cobalt-60	pCi/g	Total	Actual						R.6
CS-137	Cesium-137	pCi/g	Total	Actual						R.6
K-40	Potassium-40	pCi/g	Total	Actual						R.6
PB-212	Lead-212	pCi/g	Total	Actual						R.6
PB-214	Lead-214	pCi/g	Total	Actual						R.6
TL-208	Thallium	pCi/g	Total	Actual						R.6

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SW2002	Surface Water Parameters 2002	Sample	Water				N

Description Surface water parameters for 2002.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Hardness, carbonate	mg/l	Total	Actual						A.12
	Acceptable Range	40.00000 - 300.00000 mg/l								
	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					410.4	A.6
	Acceptable Range	0.00000 - 100.00000 mg/l								
	Zinc	ug/l	Total	Actual						EPA 289.1
	Acceptable Range	0.00000 - 75.00000 ug/l								

Characteristic Group Details

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TDECDOE Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chromium	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 8.00000 ug/l								
	Mercury	ug/l	Total	Actual					245.1	EPA 245.1
	Acceptable Range	0.00000 - 2.00000 ug/l								
	Manganese	ug/l	Total	Actual					243.2	EPA 243.1
	Acceptable Range	0.00000 - 2,000.00000 ug/l								
	Lead	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 25.00000 ug/l								
	Iron	ug/l	Total	Actual					200.9	EPA 236.1
	Acceptable Range	0.00000 - 2,000.00000 ug/l								
	Copper	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 250.00000 ug/l								
	Cadmium	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 5.00000 ug/l								
	Arsenic	ug/l	Total	Actual					206.2	EPA 200.9
	Acceptable Range	0.00000 - 20.00000 ug/l								
	Phosphate	mg/l	Total	Actual						A.18.9.1
	Acceptable Range	0.00000 - 1.00000 mg/l								
	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	A.18.8
	Acceptable Range	0.00000 - 1.00000 mg/l								
	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						A.18.4
	Acceptable Range	0.00000 - 2.50000 mg/l								
	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						A.18.1
	Acceptable Range	0.00000 - 0.25000 mg/l								
	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.1	
	Acceptable Range	3.00000 - 13.00000 mg/l								
	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	A.24.2
	Acceptable Range	0.00000 - 100.00000 mg/l								
	Solids, Dissolved	mg/l		Actual					160.1	A.24.3

Characteristic Group Details

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TDECDOE Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 300.00000 mg/l								
	Enterococcus Group Bacteria	#/100ml		Actual						SM 9000
	Escherichia coli	#/100ml		Actual						SM 9000
	Specific conductance	uS/cm		Actual					120.1	
	Acceptable Range	100.00000 - 500.00000 uS/cm								
	pH	None		Actual					150.1	
	Acceptable Range	6.00000 - 9.50000 None								
	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	2.00000 - 35.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WATER	Ambient Surface Water	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AG	Silver	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 1.00000 ug/l								
AL	Aluminum	ug/l	Total	Actual					202.1	EPA 202.1
	Acceptable Range	0.00000 - 1,500.00000 ug/l								
AMMONIA	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual						A.18.1
	Acceptable Range	0.00000 - 0.25000 mg/l								
AS	Arsenic	ug/l	Total	Actual					206.2	EPA 200.9
	Acceptable Range	0.00000 - 20.00000 ug/l								
BOD	BOD, Biochemical oxygen demand	mg/l		Actual					5210-B	A.2
	Acceptable Range	0.00000 - 5.00000 mg/l								
CD	Cadmium	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 5.00000 ug/l								
COD	COD ***retired*** (use COD,	mg/l		Actual					410.4	A.6

Characteristic Group Details

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TDECDOE Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Chemical Oxygen Demand)									
	Acceptable Range	0.00000 - 100.00000 mg/l								
CONDUCT	Specific conductance	uS/cm		Actual					120.1	
	Acceptable Range	100.00000 - 500.00000 uS/cm								
CR	Chromium	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 8.00000 ug/l								
CU	Copper	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 250.00000 ug/l								
CYANIDE	Cyanide	mg/l	Total	Actual					335.2	A.9
	Acceptable Range	0.00000 - 1.00000 mg/l								
DO	Dissolved oxygen (DO)	mg/l	Dissolved	Actual					360.1	
	Acceptable Range	3.00000 - 13.00000 mg/l								
E. COLI	Escherichia coli	#/100ml		Actual						SM 9000
ENTERO	Enterococcus Group Bacteria	#/100ml		Actual						SM 9000
FE	Iron	ug/l	Total	Actual					200.9	EPA 236.1
	Acceptable Range	0.00000 - 2,000.00000 ug/l								
FEC_COLI	Fecal Coliform	#/100ml		Actual					9222-D	SM 9222-D
FEC_STRE	Fecal Streptococcus Group Bacteria	#/100ml		Actual					9223-B	SM 9230-B
	Acceptable Range	0.00000 - 10,000.00000 #/100ml								
HARDNESS	Hardness, carbonate	mg/l	Total	Actual						A.12
	Acceptable Range	40.00000 - 300.00000 mg/l								
HG	Mercury	ug/l	Total	Actual					245.1	EPA 245.1
	Acceptable Range	0.00000 - 2.00000 ug/l								
KJELDAHL	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	A.18.8
	Acceptable Range	0.00000 - 1.00000 mg/l								
MN	Manganese	ug/l	Total	Actual					243.2	EPA 243.1
	Acceptable Range	0.00000 - 2,000.00000 ug/l								
NI	Nickel	ug/l	Total	Actual					249.2	EPA 249.2
	Acceptable Range	0.00000 - 15.00000 ug/l								

Characteristic Group Details

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TDECDOE Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NO3_NO2	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual						A.18.4
	Acceptable Range	0.00000 - 2.50000	mg/l							
PB	Lead	ug/l	Total	Actual					200.9	EPA 200.9
	Acceptable Range	0.00000 - 25.00000	ug/l							
PH	pH	None		Actual					150.1	
	Acceptable Range	6.00000 - 9.50000	None							
PHOSPH	Phosphate	mg/l	Total	Actual						A.18.9.1
	Acceptable Range	0.00000 - 1.00000	mg/l							
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual						
TDS	Solids, Dissolved	mg/l		Actual					160.1	A.24.3
	Acceptable Range	0.00000 - 300.00000	mg/l							
TEMP	Temperature, water	deg C		Actual					170.1	
	Acceptable Range	2.00000 - 35.00000	deg C							
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	A.24.2
	Acceptable Range	0.00000 - 100.00000	mg/l							
ZN	Zinc	ug/l	Total	Actual						EPA 289.1
	Acceptable Range	0.00000 - 75.00000	ug/l							

Characteristic Group Details

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TDECWPC Tennessee Department of Environment and Conservation

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
CHEM	LAB PARAMETERS	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A COLOR	Color, True	PCU		Actual					110.2	
ACIDITY	Acidity as CaCO3	mg/l	Total	Actual					2310	
ALUMINUM	Aluminum	ug/l	Total	Actual					200.7(W)	
AMM N	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					350.1	
ANTIMONY	Antimony	ug/l	Total	Actual					3113-B	
ARSENIC	Arsenic	ug/l	Total	Actual					200.7(W)	200.2-M
BARIUM	Barium	mg/l	Total	Actual					200.7(W)	
BOD	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
BOD20	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
BOD_5	BOD, Biochemical oxygen demand	mg/l	Total	Actual					5210-B	
CADMIUM	Cadmium	ug/l	Total	Actual					200.7(W)	
CAL	Calcium	mg/l	Total	Actual					3500-CA(B)	
CALCIUM HARDNESS	Hardness, Ca + Mg	mg/l	Total	Actual					2340	
CBOD	BOD, carbonaceous	mg/l	Total	Actual					5210-B	
CHLOR	Chloride	mg/l	Total	Actual					325.3	
CHLOROPHYLL A	Chlorophyll a (probe relative fluorescence)	ug/l		Actual					10200-H	
CHLOROPHYLLA	Chlorophyll a, corrected for pheophytin	ug/l		Actual					10200-H	
CHROM HEXA	Chromium, hexavalent	ug/l	Total	Actual					218.4	
COBALT	Cobalt	mg/l	Total	Actual					200.7(W)	
COD	COD ***retired*** (use COD,	mg/l	Total	Actual					5220-D	

Characteristic Group Details

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TDECWPC

Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
	Chemical Oxygen Demand)										
COPPER	Copper	ug/l	Total	Actual					200.7(W)		
CYANIDE	Cyanide	ug/l	Total	Actual					4500-CN(E)		
	Acceptable Range	0.00000 - 0.05000 ug/l									
DIS ARSE	Arsenic	ug/l	Dissolved	Actual					200.7(W)		
DIS CADM	Cadmium	ug/l	Dissolved	Actual					200.7(W)		
DIS CHRO	Chromium	ug/l	Dissolved	Actual					200.7(W)		
DIS COPP	Copper	ug/l	Dissolved	Actual					200.7(W)		
DIS IRON	Iron	ug/l	Dissolved	Actual					200.7(W)		
DIS LEAD	Lead	ug/l	Dissolved	Actual					200.7(W)		
DIS MANG	Manganese	ug/l	Dissolved	Actual					200.7(W)		
DIS NIC	Nickel	ug/l	Dissolved	Actual					200.7(W)		
DIS ZINC	Zinc	ug/l	Dissolved	Actual					200.7(W)		
DISS RES	Solids, Fixed	mg/l	Dissolved	Actual					2540-C		
DO	Dissolved oxygen (DO)	mg/l	Total	Actual					1DO		
E COLI	Escherichia	CFU		Actual					9223-B		
E COLI-DILU	Escherichia coli	cfu/100ml		Actual					9223-B		
FEC COL	Fecal Coliform	cfu/100ml	Total	Actual					9222-D	200.2	
FLOW	Flow	cfs		Actual					1FLOW		
IRON	Iron	ug/l	Total	Actual					200.7(W)		
LEAD	Lead	ug/l	Total	Actual					200.7(W)		
MANGANES	Manganese	ug/l	Total	Actual					200.7(W)		
MANGNESI	Magnesium	ug/l	Total	Actual					200.7(W)		
MERCURY	Mercury	ug/l	Total	Actual					245.1		
N02_3	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					4500-NO3(F)		
NICKEL	Nickel	ug/l	Total	Actual					200.7(W)		
NITRATE	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					4500-NO3(F)		

Characteristic Group Details

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TDECWPC

Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NITRITE	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					4500-NO3(F)	
O/G	Oil and Grease	mg/l	Total	Actual					5520-B	
PH	pH	None		Actual					1PH	
PHOSPHAT	Phosphate	mg/l	Total	Actual					4500-P-F	
PHOS_ORT	Phosphorus, orthophosphate as PO4	mg/l	Total	Actual					4500-P-F	
POTASSIUM	Potassium	mg/l	Total	Actual					200.7(W)	
RESIDUE	Solids, Fixed	mg/l	Total	Actual					2540-B	
SELENIUM	Selenium	ug/l	Total	Actual					200.7(W)	
SETT RES	Solids, Fixed	mg/l	Settleable	Actual					2540-F	
SILVER	Silver	ug/l	Total	Actual					272.2	
SODIUM	Sodium	mg/l	Total	Actual					200.7(W)	
SOLIDS	Solids, Total Suspended (TSS)	mg/l	Total	Actual					2540-B	
SOLIDS TOTAL	Solids, Total	mg/l	Total	Actual					2540-B	
SP_COND	Specific conductance	umho/cm		Actual					1CONDUCTIVITY	
STRE_FEC	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9223-B	
SULFATE	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.4	
SUS RES	Solids, Fixed Suspended	mg/l	Suspended	Actual					2540-D	
SUSPENDED	Solids, Fixed Suspended	mg/l	Suspended	Actual					2540-D	
T COLOR	Color, True	PCU		Actual					110.2	
TB	Turbidity	NTU		Actual					2130	
TEMP	Temperature, water	deg C		Actual					1TEMPERATURE	
TOC	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
TOT ALK	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
TOT CHRO	Chromium	ug/l	Total	Actual					200.7(W)	

Characteristic Group Details

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TDECWPC

Tennessee Department of Environment and Conservation

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TOT COL	Coliform/Strep Ratio, Fecal	None	Total	Actual					9223-B	
TOT HRD	Hardness, carbonate	mg/l	Total	Actual					2340	
TOT KN	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.1	
TOT ORN	Nitrogen, organic	mg/l	Total	Actual					351.2	
TOT PHOS	Phosphorus as P	mg/l	Total	Actual					4500-P-F	
TOTAL SUSPENDED SOLI	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual					2540-D	
ZINC	Zinc	ug/l	Total	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
KLAB	K LAB PARAMETERS	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ARSENIC	Arsenic	ug/l	Total	Actual					200.9	
CADMIUM	Cadmium	ug/l	Total	Actual					200.9	
CHROMIUM	Chromium	ug/l	Total	Actual					200.9	
COPPER	Copper	ug/l	Total	Actual					200.9	
LEAD	Lead	ug/l	Total	Actual					200.9	
NICKEL	Nickel	ug/l	Total	Actual					200	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SQSH	SQSH	Sample	Other				N

Characteristic Group Details

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TSWQC

Tri-State Water Quality Council (EPA Region 8)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
HABITAT	General Habitat Assessment	Field Msr/Obs					Y

Characteristic Group Details

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UDWC

Upper Deschutes Watershed Council (Oregon)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CT	Continuous Temperature	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual						

Characteristic Group Details

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USFS0614

Umatilla National Forest (Washington and Oregon)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GRAB	District Grab Samples	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, air	deg F		Actual					2550	
10	Specific conductance	uS/cm		Actual					2510	
11	Solids, Dissolved	mg/l		Estimated					2510	
12	Turbidity	NTU		Actual					2130	
13	Total Coliform	#/100ml		Calculated					9222 B	
14	Escherichia coli	#/100ml		Calculated					9222 B	
15	Fecal Coliform	#/100ml		Calculated					9222-D	
2	Temperature, water	deg F		Actual					2550	
3	Temperature, air	deg C		Actual					2550	
4	Temperature, water	deg C		Actual					2550	
5	pH	None		Actual					4500-H	
6	Dissolved oxygen (DO)	mg/l		Actual					8229	
7	Nitrogen, Nitrate (NO3) as NO3	mg/l		Actual					8171	
8	Iron	mg/l	Total	Actual					8008	
9	Solids, Total Suspended (TSS)	mg/l		Actual		Dry Particle Size Basis	AP Prefilter		2540-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ISCO	ISCO Composite sample	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Solids, Total Suspended (TSS)	mg/l		Actual		Dry Particle Size Basis	AP prefilter		2540-D	
2	Specific conductance	uS/cm		Actual				25 Deg C	2510	

Characteristic Group Details

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USFS0614

Umatilla National Forest (Washington and Oregon)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
3	Solids, Dissolved	mg/l		Estimated				25 Deg C	2510	
4	Turbidity	NTU		Actual					2130	

Characteristic Group Details

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USFWS-NM New Mexico Ecological Services Field Office (New Mexico)

Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
USFWS-NM	Water Chemistry-metals	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Bicarbonate		Total	Actual						
	Alkalinity, Carbonate as CaCO3		Total	Actual						
	Hardness, carbonate	mg/l	Dissolved	Actual						
	Methylprednisolone	ng/l	Dissolved	Actual						
	Tamoxifen	ng/l	Dissolved	Actual						
	Darvon	ng/l	Dissolved	Actual						
	Progesterone	ng/l	Dissolved	Actual						
	Prednisone	ng/l	Dissolved	Actual						
	Phenytoin	ng/l	Dissolved	Actual						
	Paroxetine	ng/l	Dissolved	Actual						
	Norethynodrel	ng/l	Dissolved	Actual						
	Norethindrone		Dissolved	Actual						
	Hydroxymethylprogesterone	ng/l	Dissolved	Actual						
	Imipramine	ng/l	Dissolved	Actual						
	Equilin	ng/l	Dissolved	Actual						
	Doxepin	ng/l	Dissolved	Actual						
	Dibenzo[a,h]anthracene									
	COD, Chemical Oxygen Demand									
	Carbonate ion (CO3-2)									
	Indeno[1,2,3-cd]pyrene									
	Bicarbonate									
	Alkalinity, Carbonate as CaCO3									
	Ethinyl estradiol									
	Mestranol									

Characteristic Group Details

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USFWS-NM

New Mexico Ecological Services Field Office (New Mexico)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Protriptyline									
	Sertraline									
	Octamethylcyclotetrasiloxane									
	Desipramine									
	Amitriptyline									
	Fluorene									
	Thionazin									
	Azinphos-methyl									
	Megestrol acetate									

Characteristic Group Details

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USVIST

Government US Virgin Islands

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CSWL	Fecal and Turbidity	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform	#/100ml	Total	Calculated	Mean				9222-D	
	Acceptable Range	0.00000 - 300.00000 #/100ml								
	Turbidity	NTU		Actual					2130	9230-C-2
	Acceptable Range	0.00000 - 45.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CSWL2	Enterococci and Turbidity	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Enterococcus Group Bacteria	#/100ml	Total	Calculated	Mean				1106.1	9230-C-2
	Acceptable Range	0.00000 - 300.00000 #/100ml								
	Turbidity	NTU		Actual					2130	
	Acceptable Range	0.00000 - 45.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ECOLI	Fecal Coliform / E. coli	Sample	Water				N

Citations Division of Environmental Protection, 2000, Standard Operating Procedures for Ambient Monitoring, Division of Environmental Protection, 4 pages

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BOD	BOD, Biochemical oxygen demand	ml/l	Total	Actual			5 Day	20 Deg C	405.1	

Characteristic Group Details

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USVIST

Government US Virgin Islands

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COLIFORM	Fecal Coliform Acceptable Range	#/100ml	Total	Calculated	Mean				9222-D	
ECOLI	Escherichia coli Acceptable Range	#/100ml	Total	Calculated	Mean					
ENTERO	Enterococcus Group Bacteria Acceptable Range	#/100ml	Total	Calculated	Mean				1106.1	9230-C-2
PH	pH Acceptable Range	None	Total	Actual					4500-H	
TKN	Nitrogen, Kjeldahl Acceptable Range	mg/l	Total	Actual	Mean				351.2	
TP	Phosphorus Acceptable Range	mg/l	Total	Actual	Mean				365.4	
TURBID	Turbidity Acceptable Range	NTU		Actual					2130	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FEEKS	Just Fecal	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Fecal Coliform Acceptable Range	#/100ml	Total	Calculated	Mean				9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD	Station Field Measurements	Field Msr/Obs	Water				N

Citations Division of Environmental Protection, 2000, Standard Operating Procedures for Ambient Monitoring, Division of Environmental Protection, 4 pages

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORINE	Chlorine	ml/l	Total Residual	Actual						
DEPTHB	Depth, bottom	m		Actual						
DEPTHS	Depth, Secchi Disk Depth	m		Actual					SECCHI	
DO	Dissolved oxygen (DO)	ml/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 12.00000 ml/l								
PH	pH	None	Total	Actual					4500-H	
	Acceptable Range	0.00000 - 14.00000 None								
SALINITY	Salinity	ppt	Total	Actual					SALINITY	
TEMP	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 32.00000 deg C								
TURBID	Turbidity	NTU		Actual					2130	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD2	ambient with bottom	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Salinity	ppt	Total	Actual					SALINITY	
	Dissolved oxygen (DO)	ml/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 12.00000 ml/l								
	Depth, bottom	m		Actual						
	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 32.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD3	ambient with secchi	Field Msr/Obs	Water				N

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Salinity	ppt	Total	Actual					SALINITY	
	Dissolved oxygen (DO)	ml/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 12.00000 ml/l								
	Depth, Secchi Disk Depth	m		Actual					SECCHI	
	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 32.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD4	bottom and turbidity	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Salinity	ppt	Total	Actual					SALINITY	
	pH	None	Total	Actual						
	Acceptable Range	0.00000 - 14.00000 None								
	Dissolved oxygen (DO)	ml/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 12.00000 ml/l								
	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 32.00000 deg C								
	Depth, bottom	m		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FIELD5	secchi and salinity	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Salinity	ppt	Total	Actual					SALINITY	
	pH	None	Total	Actual						
	Acceptable Range	0.00000 - 14.00000 None								
	Dissolved oxygen (DO)	ml/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 12.00000 ml/l								
	Depth, Secchi Disk Depth	m		Actual					SECCHI	
	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 32.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
JB	just bottom	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Depth, bottom	m		Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
JS	Just secchi	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Depth, Secchi Disk Depth	m		Actual					SECCHI	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NEW1	New probe, new data	Field Msr/Obs	Water				N

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Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Salinity	ppt	Total	Actual					SALINITY	
	pH	None	Total	Actual						
	Acceptable Range	0.00000 - 14.00000 None								
	Dissolved oxygen (DO)	ml/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 12.00000 ml/l								
	Turbidity	NTU		Actual						
	Depth, Secchi Disk Depth	m		Actual					SECCHI	
	Depth, bottom	m		Actual						
	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 32.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
TSS	Total Suspended Solids	Sample	Water				N
	Citations	Division of Environmental Protection, 2000, Standard Operating Procedures for Ambient Monitoring, Division of Environmental Protection, 4 pages					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TSS	Solids, Total Suspended (TSS)	mg/l		Actual					2540-D	
	Acceptable Range	0.00000 - 35.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WAPA	WAPA Lab Report	Sample	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	pH	None	Total	Actual					4500-H	
	Acceptable Range	0.00000 - 14.00000	None							
	Fecal Coliform	#/100ml	Total	Calculated	Mean				9222-D	
	Acceptable Range	0.00000 - 300.00000	#/100ml							
	Turbidity	NTU		Actual					2130	9230-C-2
	Acceptable Range	0.00000 - 45.00000	NTU							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10-1	200.7 METALS DISSOLVED	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
109	Vanadium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
127	Thallium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
130	Antimony	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
29	Arsenic	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
30	Barium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
31	Boron	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
32	Cadmium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
33	Calcium	mg/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000	mg/l							
34	Chromium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
35	Copper	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
36	Iron	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 10,000,000.00000	ug/l							
37	Lead	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000	ug/l							
38	Magnesium	mg/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
39	Manganese	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
41	Potassium	mg/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
42	Selenium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
44	Sodium	mg/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
45	Zinc	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
59	Hardness, Ca + Mg	mg/l	Dissolved	Calculated					200.7(W)	
	Acceptable Range	0.00000 - 10,000,000.00000 mg/l								
88	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10-19	200.7 Metals Dissolved Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
109	Vanadium Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
127	Thallium Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
130	Antimony Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
29	Arsenic Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
30	Barium Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
31	Boron Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
32	Cadmium Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
33	Calcium Acceptable Range	mg/l	Dissolved	Actual					200.7(W)	
34	Chromium Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
35	Copper Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
36	Iron Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
37	Lead Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
38	Magnesium Acceptable Range	mg/l	Dissolved	Actual					200.7(W)	
39	Manganese Acceptable Range	ug/l	Dissolved	Actual					200.7(W)	
40	Nickel	ug/l	Dissolved	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
41	Potassium	mg/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
42	Selenium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
44	Sodium	mg/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
45	Zinc	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
59	Hardness, Ca + Mg	mg/l	Dissolved	Calculated					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
88	Aluminum	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Dissolved	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10-2	200.7 METALS ACID SOLUBLE	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
127	Thallium Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
130	Antimony Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
29	Arsenic Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
30	Barium Acceptable Range	mg/l	Acid Soluble	Actual					200.7(W)	
31	Boron Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
32	Cadmium Acceptable Range	mg/l	Acid Soluble	Actual					200.7(W)	
33	Calcium Acceptable Range	mg/l	Acid Soluble	Actual					200.7(W)	
34	Chromium Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
35	Copper Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
36	Iron Acceptable Range	mg/l	Acid Soluble	Actual					200.7(W)	
37	Lead Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
38	Magnesium Acceptable Range	mg/l	Acid Soluble	Actual					200.7(W)	
39	Manganese Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
40	Nickel Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
41	Potassium Acceptable Range	mg/l	Acid Soluble	Actual					200.7(W)	
42	Selenium	ug/l	Acid Soluble	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
44	Sodium	mg/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
45	Zinc	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
59	Hardness, Ca + Mg	mg/l	Acid Soluble	Calculated					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
88	Aluminum	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10-20	200.7 Metals Total Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
127	Thallium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
31	Boron	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
32	Cadmium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
33	Calcium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
34	Chromium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
36	Iron	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
37	Lead	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
38	Magnesium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
39	Manganese	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
41	Potassium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
42	Selenium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
44	Sodium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
45	Zinc	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
59	Hardness, Ca + Mg	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
88	Aluminum	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10-21	200.7 Metals Acid Soluble Sali	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
127	Thallium	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	mg/l	Acid Soluble	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
31	Boron	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
32	Cadmium	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
33	Calcium	mg/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
34	Chromium	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
36	Iron	mg/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
37	Lead	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
38	Magnesium	mg/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
39	Manganese	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
41	Potassium	mg/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
42	Selenium	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
44	Sodium	mg/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
45	Zinc	ug/l	Acid Soluble	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
59	Hardness, Ca + Mg Acceptable Range	mg/l	Acid Soluble	Calculated					200.7(W)	
88	Aluminum Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
93	Beryllium Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	
99	Cobalt Acceptable Range	ug/l	Acid Soluble	Actual					200.7(W)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
10-3	200.7 METALS TOTAL	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum Acceptable Range	ug/l	Total	Actual					200.7(W)	
109	Vanadium Acceptable Range	ug/l	Total	Actual					200.7(W)	
127	Thallium Acceptable Range	ug/l	Total	Actual					200.7(W)	
130	Antimony Acceptable Range	ug/l	Total	Actual					200.7(W)	
29	Arsenic Acceptable Range	ug/l	Total	Actual					200.7(W)	
30	Barium Acceptable Range	mg/l	Total	Actual					200.7(W)	
31	Boron Acceptable Range	ug/l	Total	Actual					200.7(W)	
32	Cadmium	ug/l	Total	Actual					200.7(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
33	Calcium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
34	Chromium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
36	Iron	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
37	Lead	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
38	Magnesium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
39	Manganese	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
41	Potassium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
42	Selenium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
44	Sodium	mg/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
45	Zinc	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
59	Hardness, Ca + Mg	mg/l	Total	Calculated					200.7(W)	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
88	Aluminum	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
93	Beryllium	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Total	Actual					200.7(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
102-1	Ammonia Colorimetric	Sample	Water				N
Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
28	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
102-15	Ammonia Color saline	Sample	Water				N
Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
28	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
102-6	Ammonia Colorimetric	Sample	Water				N
Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020							

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure																											
28	Nitrogen, ammonia as N Acceptable Range	mg/l	Total	Actual					350.1																												
<hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Group ID</th> <th style="text-align: left;">Group Name</th> <th style="text-align: left;">Field Activity</th> <th style="text-align: left;">Medium</th> <th style="text-align: left;">Intent</th> <th style="text-align: left;">Community</th> <th style="text-align: left;">Result Group</th> <th style="text-align: left;">Habitat</th> </tr> </thead> <tbody> <tr> <td>103-6</td> <td>Protozoa</td> <td>Sample</td> <td>Biological</td> <td>Taxon Abundance</td> <td>Bacteria/Virus</td> <td>Multi-Taxon Population Census</td> <td>N</td> </tr> <tr> <td colspan="2">Citations</td> <td colspan="9">Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1</td> </tr> </tbody> </table>											Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	103-6	Protozoa	Sample	Biological	Taxon Abundance	Bacteria/Virus	Multi-Taxon Population Census	N	Citations		Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1								
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat																														
103-6	Protozoa	Sample	Biological	Taxon Abundance	Bacteria/Virus	Multi-Taxon Population Census	N																														
Citations		Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1																																			
Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level																													
440	Protozoa		#/100ml	Actual																																	
<hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Group ID</th> <th style="text-align: left;">Group Name</th> <th style="text-align: left;">Field Activity</th> <th style="text-align: left;">Medium</th> <th style="text-align: left;">Intent</th> <th style="text-align: left;">Community</th> <th style="text-align: left;">Result Group</th> <th style="text-align: left;">Habitat</th> </tr> </thead> <tbody> <tr> <td>104-15</td> <td>8021B (BETX) saline</td> <td>Sample</td> <td>Water</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td colspan="2">Citations</td> <td colspan="9">USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020</td> </tr> </tbody> </table>											Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	104-15	8021B (BETX) saline	Sample	Water				N	Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020								
Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat																														
104-15	8021B (BETX) saline	Sample	Water				N																														
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020																																			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure																											
149	Benzene Acceptable Range	ug/l	Total	Actual					8021B																												
150	Naphthalene Acceptable Range	ug/l	Total	Actual					8021B																												
260	Ethylbenzene Acceptable Range	ug/l	Total	Actual																																	
284	Xylene, o- Acceptable Range	ug/l	Total	Actual					8021B																												
400	MTBE, Methyl tertiary butyl ether Acceptable Range	ug/l	Total	Actual					8021B																												

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
422	Xylenes, m- & p- Mix Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
104-6	8021B (BTEX)	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
149	Benzene Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								
150	Naphthalene Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								
168	Toluene Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								
284	Xylene, o- Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								
400	MTBE, Methyl tertiary butyl ether Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								
422	Xylenes, m- & p- Mix Acceptable Range	ug/l	Total	Actual					8021B	
		0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
105-15	8015B TPH saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
295	Hydrocarbons, Petroleum (Unspecified Mix)	mg/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
441	Gasoline range organics	ug/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
442	Diesel range organics	ug/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
105-6	8015B TPH	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
295	Hydrocarbons, Petroleum (Unspecified Mix)	mg/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
441	Gasoline range organics	mg/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
442	Diesel range organics	mg/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
106-6	Heterotrophic plate count	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
27	Heterotrophic bacteria	#/100ml		Actual					9215-D	
	Acceptable Range	0.00000 - 100,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
107-6	525.2DEQ	Sample	Water				N
	Citations	Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
101	Malathion	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
104	Diazinon	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
106	Methyl parathion	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
117	Trifluralin	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
167	Endosulfan Sulfate	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
193	2,6-Dinitrotoluene	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
225	Benzo[a]pyrene	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
235	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
264	Hexachlorobenzene	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
266	Hexachlorocyclopentadiene	ug/l	Total	Actual					525.2DEQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
285	Pentachlorophenol (PCP)	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
309	Chloropyrifos	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
310	Disulfoton	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
321	Fonofos	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
332	Atrazine	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
334	Bromacil	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
335	Simazine	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
337	Dacthal	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
338	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
342	Alachlor	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
344	Cyanazine	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
350	Prometone	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
360	Terbacil	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
369	Butachlor	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
370	Metolachlor	ug/l	Total	Actual					525.2DEQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
371	Metribuzin	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
372	Propachlor	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
373	bis(2-ethylhexyl) adipate	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
389	BHC-alpha	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
390	Chlordane, cis	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
391	BHC-beta	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
392	Daconil	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
393	BHC-delta	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
394	Chlordane, gamma	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
395	Hexazinone	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
396	Paraoxon	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
397	Nonachlor, trans-	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
403	Heptachlor epoxide	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
405	Endrin Aldehyde	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
407	Terbufos	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
411	Endosulfan, beta- Acceptable Range	ug/l	Total	Actual					525.2DEQ	
415	2,4-Dinitrotoluene Acceptable Range	ug/l	Total	Actual					525.2DEQ	
425	Pcb-aroclor 1262 Acceptable Range	ug/l	Total	Actual					525.2DEQ	
426	Dichlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2DEQ	
427	Molinate Acceptable Range	ug/l	Total	Actual					525.2DEQ	
428	Octachlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2DEQ	
429	Pentachlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2DEQ	
430	2,3,4-Trichloro-1,1'-biphenyl Acceptable Range	ug/l	Total	Actual					525.2DEQ	
431	Tetrachlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2DEQ	
435	Heptachlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2DEQ	
447	Acetochlor Acceptable Range	ug/l	Total	Actual					525.2DEQ	
600	Pcb-169 Acceptable Range	ug/l	Total	Actual					525.2DEQ	
85	Toxaphene Acceptable Range	ug/l	Total	Actual					525.2DEQ	
86	Endosulfan, alpha- Acceptable Range	ug/l	Total	Actual					525.2DEQ	
87	BHC-gamma (Lindane) Acceptable Range	ug/l	Total	Actual					525.2DEQ	
89	Methoxychlor	ug/l	Total	Actual					525.2DEQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
90	Dieldrin	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
91	Heptachlor	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
94	Aldrin	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
95	Endrin	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
96	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
97	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
98	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
ENDRN113	Endrin ketone	ug/l	Total	Actual					525.2DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
109-6	608/625 OrganoCl	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
147	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
148	Pcb-aroclor 1260	ug/l	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
165	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
166	BHC-delta	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
167	Endosulfan Sulfate	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
169	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
170	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
171	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
172	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
173	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
403	Heptachlor epoxide	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
405	Endrin Aldehyde	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
411	Endosulfan, beta-	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
84	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
85	Toxaphene	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
86	Endosulfan, alpha-	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
87	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
89	Methoxychlor Acceptable Range	ug/l	Total	Actual					608	
90	Dieldrin Acceptable Range	ug/l	Total	Actual					608	
91	Heptachlor Acceptable Range	ug/l	Total	Actual					608	
92	BHC-beta Acceptable Range	ug/l	Total	Actual					608	
94	Aldrin Acceptable Range	ug/l	Total	Actual					608	
95	Endrin Acceptable Range	ug/l	Total	Actual					608	
96	DDT ***retired*** (use DDT, p,p'-) Acceptable Range	ug/l	Total	Actual					608	
97	DDE ***retired*** (use DDE, p,p'-) Acceptable Range	ug/l	Total	Actual					608	
98	DDD ***retired*** (use DDD, p,p') Acceptable Range	ug/l	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
11-1	200.8 METALS DISSOLVED	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
105	Uranium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
109	Vanadium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
127	Thallium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
130	Antimony Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
154	Mercury Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
29	Arsenic Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
30	Barium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
32	Cadmium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
34	Chromium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
35	Copper Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
37	Lead Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
39	Manganese Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
40	Nickel Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
419	Uranium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
42	Selenium Acceptable Range	ug/l	Dissolved	Actual					200.8(W)	
43	Silver	ug/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
45	Zinc	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
463	Zirconium	ug/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 ug/l								
88	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
11-19	200.8 Metals Dissolved saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
127	Thallium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
154	Mercury	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Dissolved	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
32	Cadmium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
34	Chromium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
39	Manganese	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
419	Uranium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
42	Selenium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
45	Zinc	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
88	Aluminum	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Dissolved	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
11-2	200.8 METALS ACID SOLUBLE	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
127	Thallium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
154	Mercury	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	mg/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
32	Cadmium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
34	Chromium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
39	Manganese	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
419	Uranium	ug/l	Acid Soluble	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
42	Selenium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
45	Zinc	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
88	Aluminum	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
11-20	200.8 Metals Total Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
127	Thallium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
154	Mercury	ug/l	Total	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	mg/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
32	Cadmium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
34	Chromium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
39	Manganese	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
419	Uranium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
42	Selenium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
45	Zinc	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
88	Aluminum	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
11-21	200.8 Metals Acid Soluble sali	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
127	Thallium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
154	Mercury	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	mg/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
32	Cadmium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
34	Chromium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
39	Manganese	mg/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
40	Nickel	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
419	Uranium	ug/l	Acid Soluble	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
42	Selenium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
45	Zinc	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
88	Aluminum	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Acid Soluble	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
11-3	200.8 METALS TOTAL	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
109	Vanadium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
127	Thallium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
154	Mercury	ug/l	Total	Actual					200.8(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	mg/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
32	Cadmium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
34	Chromium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
39	Manganese	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
419	Uranium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
42	Selenium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
45	Zinc	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
463	Zirconium	ug/l	Total	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 ug/l								
88	Aluminum	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
99	Cobalt	ug/l	Total	Actual					200.8(W)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
110-6	526 L2 Semivol Org UCMR List 2	Sample	Water				N
	Citations	Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
104	Diazinon	ug/l	Total	Actual					526	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
276	nitro-Benzene	ug/l	Total	Actual					526	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
310	Disulfoton	ug/l	Total	Actual					526	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
321	Fonofos	ug/l	Total	Actual					526	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
350	Prometone	ug/l	Total	Actual					526	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
407	Terbufos	ug/l	Total	Actual					526	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
111-6	528 L2 Semivol Org UCMR List 2	Sample	Water				N
	Citations	Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
192	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					528	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
200	Cresol, o-	ug/l	Total	Actual					528	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
412	2,4-Dichlorophenol	ug/l	Total	Actual					528	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
414	Dinitrophenol, 2,4-	ug/l	Total	Actual					528	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
112-6	525.2 L1 Semivol UCMR List 1	Sample	Water				N
Citations		Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
193	2,6-Dinitrotoluene	ug/l	Total	Actual					525.2 L1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
338	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Total	Actual					525.2 L1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
360	Terbacil	ug/l	Total	Actual					525.2 L1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
415	2,4-Dinitrotoluene	ug/l	Total	Actual					525.2 L1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
427	Molinate	ug/l	Total	Actual					525.2 L1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
447	Acetochlor	ug/l	Total	Actual					525.2 L1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
97	DDE ***retired*** (use DDE, p,p'-	ug/l	Total	Actual					525.2 L1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
) Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
113-6	6251B/552 Haloacetic Acids	Sample	Water				N
Citations		American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition., American Public Health Association, 20th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
126	Bromochloroacetic acid (BCAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
192	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
197	Chlorophenol-2	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
251	Dibromoacetic acid (DBAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
254	Dichloroacetic acid (DCAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
273	Bromoacetic acid (MBAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
274	Chloroacetic acid (MCAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
296	Trichloroacetic acid (TCAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
412	2,4-Dichlorophenol	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
114-6	THM DEQ/WQ	Sample	Water				N

Citations Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform	ug/l	Total	Actual					THM DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					THM DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					THM DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					THM DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
146	Trihalomethanes (unspecified mix)	ug/l	Total	Actual					THM DEQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
115-6	524.2DEQWQ	Sample	Water				N

Citations Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					524.2 DEQWQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
138	Methyl bromide	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
139	Carbon tetrachloride	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
140	Chloroethane	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
141	Methyl chloride	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
142	1,4-Dichlorobenzene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
143	Dichloroethane, 1,2-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
144	Dichloromethane	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
145	Vinyl chloride	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
149	Benzene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
150	Naphthalene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
164	Trichloroethane, 1,1,1-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
168	Toluene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
174	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
176	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
177	Trichloroethane, 1,1,2-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
178	Dichloroethane, 1,1- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
179	1,1-Dichloroethylene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
181	Dichloropropene, 1,1- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
182	Trichlorobenzene, 1,2,3- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
183	Trichloropropane, 1,2,3- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
184	1,2,4-Trichlorobenzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
185	Trimethylbenzene, 1,2,4- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
186	1,2-Dibromo-3-chloropropane (DBCP) Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
187	1,2-Dichlorobenzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
188	Trimethylbenzene, 1,3,5- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
189	1,3-Dichlorobenzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
190	Dichloropropane, 1,3- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
191	Dichloropropane, 2,2- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
236	Monobromobenzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
238	Chlorobromomethane Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
240	Chlorobenzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
245	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO) Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
246	cis-1,3-Dichloropropene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
253	Dibromomethane Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
256	Dichlorodifluoromethane Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
263	Trichlorofluoromethane Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
265	Hexachlorobutadiene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
270	Cumene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
276	nitro-Benzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
277	Butyl benzene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
281	Propylbenzene, n- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
283	Chlorotoluene, 2- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
284	Xylene, o- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								
289	Chlorotoluene, 4- Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
		0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
290	Cymene ***retired*** (use p-Cymene)	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
292	Styrene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
293	Butylbenzene, sec-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
294	Tetrachloroethylene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
298	Trichloroethylene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
299	Butylbenzene, tert-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
301	trans-1,2-Dichloroethylene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
302	trans-1,3-Dichloropropene	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
304	Xylenes mix of m + o + p	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
398	Ethylene dibromide (EDB)	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
400	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
422	Xylenes, m- & p- Mix	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
82	Dichloropropane, 1,2-	ug/l	Total	Actual					524.2 DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
116-6	Chlorinated Acids for Water Qu	Sample	Water				N

Citations Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
110	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
112	Dicamba	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
113	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
120	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
121	Picloram	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
257	Dichlorprop	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
285	Pentachlorophenol (PCP)	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
352	Dichloropropionic acid, 2,2-***retired*** (use Dalapon)	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
404	Silvex	ug/l	Total	Actual					515.1DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
117-6	624DEQWQ	Sample	Water				N

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Citations Division of Epidemiology and Laboratory Services, 1999, Division of Epidemiology and Laboratory Services Quality Assurance Program Plan, Division of Epidemiology and Laboratory Services, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
138	Methyl bromide	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
139	Carbon tetrachloride	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
140	Chloroethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
141	Methyl chloride	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
142	1,4-Dichlorobenzene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
143	Dichloroethane, 1,2-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
144	Dichloromethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
145	Vinyl chloride	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
149	Benzene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
150	Naphthalene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
164	Trichloroethane, 1,1,1-	ug/l	Total	Actual					624DEQWQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
168	Toluene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
174	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
176	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
177	Trichloroethane, 1,1,2-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
178	Dichloroethane, 1,1-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
179	1,1-Dichloroethylene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
181	Dichloropropene, 1,1-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
182	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
183	Trichloropropane, 1,2,3-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
184	1,2,4-Trichlorobenzene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
185	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
186	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
187	1,2-Dichlorobenzene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
188	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
189	1,3-Dichlorobenzene	ug/l	Total	Actual					624DEQWQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
190	Dichloropropane, 1,3-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
191	Dichloropropane, 2,2-	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
194	Methyl ethyl ketone	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
195	2-Chloroethyl vinyl ether	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
218	Acetone	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
236	Monobromobenzene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
238	Chlorobromomethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
240	Chlorobenzene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
245	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
246	cis-1,3-Dichloropropene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
253	Dibromomethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
256	Dichlorodifluoromethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
263	Trichlorofluoromethane	ug/l	Total	Actual					624DEQWQ	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
265	Hexachlorobutadiene Acceptable Range	ug/l	Total	Actual					524.2 DEQWQ	
270	Cumene Acceptable Range	ug/l	Total	Actual					624DEQWQ	
276	nitro-Benzene Acceptable Range	ug/l	Total	Actual					624DEQWQ	
277	Butyl benzene Acceptable Range	ug/l	Total	Actual					624DEQWQ	
281	Propylbenzene, n- Acceptable Range	ug/l	Total	Actual					624DEQWQ	
283	Chlorotoluene, 2- Acceptable Range	ug/l	Total	Actual					624DEQWQ	
284	Xylene, o- Acceptable Range	ug/l	Total	Actual					624DEQWQ	
289	Chlorotoluene, 4- Acceptable Range	ug/l	Total	Actual					624DEQWQ	
290	Cymene ***retired*** (use p-Cymene) Acceptable Range	ug/l	Total	Actual					624DEQWQ	
292	Styrene Acceptable Range	ug/l	Total	Actual					624DEQWQ	
293	Butylbenzene, sec- Acceptable Range	ug/l	Total	Actual					624DEQWQ	
294	Tetrachloroethylene Acceptable Range	ug/l	Total	Actual					624DEQWQ	
298	Trichloroethylene Acceptable Range	ug/l	Total	Actual					624DEQWQ	
299	Butylbenzene, tert- Acceptable Range	ug/l	Total	Actual					624DEQWQ	
301	trans-1,2-Dichloroethylene Acceptable Range	ug/l	Total	Actual					624DEQWQ	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
302	trans-1,3-Dichloropropene Acceptable Range	ug/l	Total	Actual					624DEQWQ	
304	Xylenes mix of m + o + p Acceptable Range	ug/l	Total	Actual					624DEQWQ	
307	Trichlorofluoromethane Acceptable Range	ug/l	Total	Actual					624DEQWQ	
400	MTBE, Methyl tertiary butyl ether Acceptable Range	ug/l	Total	Actual					624DEQWQ	
422	Xylenes, m- & p- Mix Acceptable Range	ug/l	Total	Actual					624DEQWQ	
434	Freon 113 Acceptable Range	ug/l	Total	Actual					624DEQWQ	
460	2-Chloroethyl vinyl ether Acceptable Range	ug/l	Total	Actual					624DEQWQ	
461	Ethylene dibromide (EDB) Acceptable Range	ug/l	Total	Actual					624DEQWQ	
82	Dichloropropane, 1,2- Acceptable Range	ug/l	Total	Actual					624DEQWQ	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
12-15	Alkalinity as CaCO3 saline	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2	pH Acceptable Range	None	Total	Actual					2320	
46	Bicarbonate Acceptable Range	mg/l	Total	Actual					2320	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
47	Carbon dioxide	mg/l	Total	Actual					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
48	Carbonate ion (CO3-2)	mg/l	Total	Actual					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
51	Hydroxide	mg/l	Total	Actual					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
58	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
12-6	Alkalinity as CaCO3	Sample	Water				N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2	pH	None	Total	Actual					2320	
	Acceptable Range	0.00000 - 14.00000 None								
46	Bicarbonate	mg/l	Total	Calculated					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
47	Carbon dioxide	mg/l	Total	Calculated					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
48	Carbonate ion (CO3-2)	mg/l	Total	Calculated					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
51	Hydroxide	mg/l	Total	Calculated					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
58	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					2320	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
120-15	Chloride by FIA saline	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
49	Chloride	mg/l	Dissolved	Actual					325.2	
	Acceptable Range	0.00000 - 10,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
120-6	Chloride by FIA	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
49	Chloride	mg/l	Dissolved	Actual					325.2	
	Acceptable Range	0.00000 - 10,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
121-1	Phosphorus by 365.2 Dissolved	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
57	Phosphorus as P	mg/l	Dissolved	Actual					365.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
121-15	Phosphorus 365.2 Total saline	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
57	Phosphorus as P	mg/l	Total	Actual					365.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
121-19	Phosphorus 365.2 diss saline	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
57	Phosphorus as P	mg/l	Dissolved	Actual					365.2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
121-6	Phosphorus by 365.2 Total	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
57	Phosphorus as P	mg/l	Total	Actual					365.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
122-15	Sulfide Titrimetric Saline	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
21	Sulfide	mg/l	Total	Actual					376.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
122-6	Sulfide Titrimetric	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
21	Sulfide	mg/l	Total	Actual					376.2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
123-6	Colilert	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
443	Escherichia	#/100ml	Total	Actual					COLILERT	
	Acceptable Range	0.00000 - 100,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
123-6F	E-coli by colialert	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
443	Escherichia	#/100ml	Total	Actual					COLILERT	
	Acceptable Range	0.00000 - 100,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
124-15	T.K.N. Saline	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
124-6	T.K.N	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.3(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
129-26	Periphyton Ash-free dry weight	Sample	Water				N

Citations American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition., American Public Health Association, 20th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
488	Biomass, periphyton	g/m2		Actual		Ash-Free Dry			10300-C	
	Acceptable Range	0.00000 - 1,000,000.00000 g/m2								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
129-28	Ash Free Dry Weight from perip	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
488	Biomass, periphyton	mg/m2		Actual					10300-C	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
13-1	Mercury by CV dissolved	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury	ug/l	Dissolved	Actual					245.1	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
13-19	Mercury by CV dissolve saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury	ug/l	Dissolved	Actual					245.1	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
13-2	Mercury by CV acid soluble	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury	ug/l	Acid Soluble	Actual					245.1	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
13-20	Mercury by CV total saline	Sample	Water				N

USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Citations

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
13-21	Mercury by CV acid soluble sal	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury	ug/l	Acid Soluble	Actual					245.1	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
13-3	Mercury by CV total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury	ug/l	Total	Actual					245.1	
	Acceptable Range	0.00000 - 1,000,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
130-1	Mercury in fish blank analyses	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury Acceptable Range	ug/g	Total	Actual					USEPA7473	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
130-25	Mercury in solids	Sample	Other				N
Citations		USEPA, 1995, Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories: vol 1, Fish Sampling and Analysis, 2nd ed., USEPA, EPA 823/R-95-007					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury Acceptable Range	ug/g	Total	Actual					USEPA7473	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
130-27	Mercury in Fish	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
154	Mercury Acceptable Range	ug/g	Total	Actual					USEPA7473	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
132-1	Selenium by hydride dissolved	Sample	Water				N
Citations		American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition., American Public Health Association, 20th Edition					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium Acceptable Range	ug/l 0.00000 - 1,000,000.00000 ug/l	Dissolved	Actual					3114-C	
Group ID 132-19	Group Name D-Selenium by Hydride Saline	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium Acceptable Range	ug/l 0.00000 - 100,000.00000 ug/l	Dissolved	Actual					3114-C	
Group ID 132-3	Group Name Selenium by Hydride	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
	Citations	American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition., American Public Health Association, 20th Edition								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium Acceptable Range	ug/l 0.00000 - 1,000,000.00000 ug/l	Total	Actual					3114-C	
Group ID 133-1	Group Name D Metals by ICPMS w/ DRC	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
29	Arsenic Acceptable Range	ug/l 0.00000 - 100,000.00000 ug/l	Dissolved	Actual					DRC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
34	Chromium Acceptable Range	ug/l 0.00000 - 100,000.00000 ug/l	Dissolved	Actual					DRC	
Group ID 133-19	Group Name D Metals by ICPMS w/ DRC Salin	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
29	Arsenic Acceptable Range	ug/l 0.00000 - 100,000.00000 ug/l	Dissolved	Actual					DRC	
34	Chromium Acceptable Range	ug/l 0.00000 - 100,000.00000 ug/l	Dissolved	Actual					DRC	
Group ID 133-3	Group Name Total Metals by ICPMS w/ DRC	Field Activity Field Msr/Obs	Medium Water	Intent		Community			Result Group	Habitat N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
29	Arsenic Acceptable Range	ug/l 0.00000 - 100,000.00000 ug/l	Total	Actual					DRC	
34	Chromium Acceptable Range	ug/l 0.00000 - 100,000.00000 ug/l	Total	Actual					DRC	
Group ID 14-15	Group Name TDS saline	Field Activity Sample	Medium Water	Intent		Community			Result Group	Habitat N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
63	Solids, Dissolved	mg/l		Actual					2540-C	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
14-6	TDS	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
63	Solids, Dissolved	mg/l		Actual					2540-C	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
15-15	Ion Chromatography saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
162	Bromide	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
28	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
417	Iodine	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
49	Chloride	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
50	Fluorides	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
52	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
53	Nitrogen, Nitrite (NO2) as NO2 Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
54	Phosphorus, orthophosphate as P Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
56	Sulfur, sulfate (SO4) as SO4 Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
15-6	Ion Chromatography	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
162	Bromide Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
28	Nitrogen, ammonia (NH3) as NH3 Acceptable Range	mg/l 0.00000 - 1,000,000.00000 mg/l	Total	Actual					300(A)	
417	Iodine Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
49	Chloride Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
50	Fluorides Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
52	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					300(A)	
53	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					300(A)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
54	Phosphorus, orthophosphate as P	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
56	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					300(A)	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
16-15	Chloride Saline	Sample	Water				N
Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
49	Chloride	mg/l	Total	Actual					325.3	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
16-6	Chloride for Water	Sample	Water				N
Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020							

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
49	Chloride	mg/l	Dissolved	Actual					325.3	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
17-15	Cyanide Cl saline	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20	Cyanides Amenable to Chlorination	mg/l	Total	Actual					335.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
17-6	Cyanide CL	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20	Cyanides Amenable to Chlorination	mg/l	Total	Actual					335.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
18-15	Cyanide titrim Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20	Cyanide	mg/l	Total	Actual					335.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
402	Cyanide	mg/l	Acid Soluble	Actual					335.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
18-6	Cyanide Titrim	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20	Cyanide	mg/l	Total	Actual					335.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
402	Cyanide	mg/l	Acid Soluble	Actual					335.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
19-15	Cyanide Automated Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20	Cyanide	mg/l	Total	Actual					335.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
402	Cyanide	mg/l	Acid Soluble	Actual					335.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
19-6	Cyanide Automated	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
20	Cyanide	mg/l	Total	Actual					335.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
455	Cyanides Amenable to Chlorination	mg/l	Total	Actual					335.4	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
2-15	Color saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
116	Color, True	PCU		Actual					110.2	
	Acceptable Range	0.00000 - 100,000.00000 PCU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
2-6	Color	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
116	Color, True	PCU	Total	Actual					110.2	
	Acceptable Range	0.00000 - 10,000.00000 PCU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
20-15	Ammonia Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
28	Nitrogen, ammonia as N	mg/l	Total	Actual					350.3	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
20-6	Ammonia Electrode	Sample	Water				N

USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
28	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.3	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-15	Hexachrome Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
439	Chromium, hexavalent	ug/l	Total	Actual					3500-CR(D)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
21-6	HEXACHROM	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
439	Chromium, hexavalent	ug/l	Dissolved	Actual					3500-CR(D)	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
22-15	TKN Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
22-6	TKN	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Nitrogen, Kjeldahl	mg/l	Total	Actual					351.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
23-1	NITRATE & NITRITE, Dissolved	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
383	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
52	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
53	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
23-15	Nitrate Nitrite total saline	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
383	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
52	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
53	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
23-19	Nitrate Nitrite Dissolved Sali	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
383	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
52	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
53	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
23-6	NITRATE & NITRITE Total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
383	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
52	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
53	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					353.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
24-15	Oil and Grease Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Oil and Grease	mg/l	Total	Actual					9070	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
24-6	OIL & GREASE	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Oil and Grease	mg/l		Actual					9070	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-1	PHOSPHORUS-DISSOLVED	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
54	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
57	Phosphorus as P	mg/l	Dissolved	Actual					365.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-15	Phosphorus Total Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
54	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
57	Phosphorus as P	mg/l	Total	Actual					365.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-19	Phosphorus Dissolved Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
54	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					365.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
57	Phosphorus as P	mg/l	Dissolved	Actual					365.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
25-6	PHOSPHORUS-TOTAL	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
54	Phosphorus, orthophosphate as P	mg/l	Total	Actual					365.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
57	Phosphorus as P	mg/l	Total	Actual					365.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
26-1	Silica Dissolved	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
55	Silica	mg/l	Dissolved	Actual					370.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
26-15	Silica Saline	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
55	Silica	mg/l	Total	Actual					370.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
26-6	SILICA	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
55	Silica	mg/l	Dissolved	Actual					370.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
27-15	Sulfate Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
56	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual					375.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
27-6	Sulfate	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
56	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					375.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
28-15	Sulfide Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
21	Sulfide	mg/l	Total	Actual					376.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
28-6	Sulfide	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
21	Sulfide	mg/l	Total	Actual					376.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
29-1	BOD Dissolved	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
13	BOD, Biochemical oxygen demand	mg/l	Dissolved	Actual					405.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
77	BOD, carbonaceous	mg/l	Dissolved	Actual					405.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
29-15	BOD Saline	Sample	Water				N
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
13	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	405.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
77	BOD, carbonaceous	mg/l	Total	Actual			5 Day	20 Deg C	405.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
29-6	BOD	Sample	Water				N
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
13	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day	20 Deg C	405.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
77	BOD, carbonaceous	mg/l	Total	Actual			5 Day	20 Deg C	405.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
3-15	Conductance Specific saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
62	Specific conductance	umho/cm		Actual					120.1	
	Acceptable Range	0.00000 - 10,000,000.00000 umho/cm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
3-6	Conductance, specific	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
62	Specific conductance	umho/cm		Actual					120.1	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-15	COD Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19	COD, Chemical Oxygen Demand	mg/l	Total	Actual					410.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
31-6	COD Colorimetric	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
19	COD, Chemical Oxygen Demand	mg/l	Total	Actual					410.4		
	Acceptable Range	0.00000 - 100,000.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32-15	Phenols Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
410	Phenols (mixture)	mg/l	Total	Actual					420.4		
	Acceptable Range	0.00000 - 100,000.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
32-6	Phenolics Spectro	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
410	Phenols (mixture)	mg/l	Total	Actual					420.4		
	Acceptable Range	0.00000 - 100,000.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
33-15	Flouride Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
50	Fluorides Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Dissolved	Actual					4500-F-C	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
33-6	Flouride electrode	Sample	Water				N
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
50	Fluorides Acceptable Range	mg/l 0.00000 - 100,000.00000 mg/l	Total	Actual					4500-F-C	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
34-6	502.2 VOC's	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					502.2(ELCD)	
135	Bromoform Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					502.2(ELCD)	
136	Dichlorobromomethane Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					502.2(ELCD)	
138	Methyl bromide Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					502.2(ELCD)	
139	Carbon tetrachloride Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					502.2(ELCD)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
140	Chloroethane Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
141	Methyl chloride Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
142	1,4-Dichlorobenzene Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
143	Dichloroethane, 1,2- Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
144	Dichloromethane Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
145	Vinyl chloride Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
149	Benzene Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
150	Naphthalene Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
164	Trichloroethane, 1,1,1- Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
168	Toluene Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
174	Tetrachloroethane, 1,1,1,2- Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
176	Tetrachloroethane, 1,1,2,2- Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
177	Trichloroethane, 1,1,2- Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
178	Dichloroethane, 1,1- Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
179	1,1-Dichloroethylene Acceptable Range	ug/l	Total	Actual					502.2(ELCD)	
181	Dichloropropene, 1,1-	ug/l	Total	Actual					502.2(ELCD)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
182	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
183	Trichloropropane, 1,2,3-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
184	1,2,4-Trichlorobenzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
185	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
187	1,2-Dichlorobenzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
188	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
189	1,3-Dichlorobenzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
190	Dichloropropane, 1,3-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
191	Dichloropropane, 2,2-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
194	Methyl ethyl ketone	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
236	Monobromobenzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
238	Chlorobromomethane	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
240	Chlorobenzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
241	Chlorodibromomethane	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
245	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-	ug/l	Total	Actual					502.2(ELCD)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	DICHLO)									
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
246	cis-1,3-Dichloropropene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
253	Dibromomethane	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
256	Dichlorodifluoromethane	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
263	Trichlorofluoromethane	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
265	Hexachlorobutadiene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
270	Cumene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
275	Xylene, m-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
276	nitro-Benzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
277	Butyl benzene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
281	Propylbenzene, n-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
283	Chlorotoluene, 2-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
284	Xylene, o-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
289	Chlorotoluene, 4-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
290	Cymene ***retired*** (use p-	ug/l	Total	Actual					502.2(ELCD)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Cymene)									
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
291	Xylene, p-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
292	Styrene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
293	Butylbenzene, sec-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
294	Tetrachloroethylene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
298	Trichloroethylene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
299	Butylbenzene, tert-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
301	trans-1,2-Dichloroethylene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
302	trans-1,3-Dichloropropene	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
304	Xylenes mix of m + o + p	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
400	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
434	Trichlorotrifluoroethane	ug/l	Total	Actual						
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
437	Dichloropropane	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
82	Dichloropropane, 1,2-	ug/l	Total	Actual					502.2(ELCD)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
35-6	504	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
186	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					504	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
398	Ethylene dibromide (EDB)	ug/l	Total	Actual					504	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
36-6	505	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
147	Pcb-aroclor 1254	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
148	Pcb-aroclor 1260	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
169	Pcb-aroclor 1016	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
170	Pcb-aroclor 1221	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
171	Pcb-aroclor 1232	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
172	Pcb-aroclor 1242	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
173	Pcb-aroclor 1248	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
264	Hexachlorobenzene	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
266	Hexachlorocyclopentadiene	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
332	Atrazine	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
335	Simazine	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
342	Alachlor	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
403	Heptachlor epoxide	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
84	Chlordane	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
85	Toxaphene	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
87	BHC-gamma (Lindane)	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
89	Methoxychlor	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
90	Dieldrin	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
91	Heptachlor	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
94	Aldrin	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
95	Endrin	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
96	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
97	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
98	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					505	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
37-6	507	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
332	Atrazine	ug/l	Total	Actual					507	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
335	Simazine	ug/l	Total	Actual					507	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
342	Alachlor	ug/l	Total	Actual					507	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
369	Butachlor	ug/l	Total	Actual					507	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
370	Metolachlor	ug/l	Total	Actual					507	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
371	Metribuzin	ug/l	Total	Actual					507	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
372	Propachlor	ug/l	Total	Actual					507	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
38-6	515.1	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
110	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
112	Dicamba	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
113	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
120	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
121	Picloram	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
257	Dichlorprop	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
285	Pentachlorophenol (PCP)	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
352	Dichloropropionic acid, 2,2-***retired*** (use Dalapon)	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
404	Silvex	ug/l	Total	Actual					515.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
39-6	524.2	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform Acceptable Range	ug/l	Total	Actual					524.2	
135	Bromoform Acceptable Range	ug/l	Total	Actual					524.2	
136	Dichlorobromomethane Acceptable Range	ug/l	Total	Actual					524.2	
137	Chlorodibromomethane Acceptable Range	ug/l	Total	Actual					524.2	
138	Methyl bromide Acceptable Range	ug/l	Total	Actual					524.2	
139	Carbon tetrachloride Acceptable Range	ug/l	Total	Actual					524.2	
140	Chloroethane Acceptable Range	ug/l	Total	Actual					524.2	
141	Methyl chloride Acceptable Range	ug/l	Total	Actual					524.2	
142	1,4-Dichlorobenzene Acceptable Range	ug/l	Total	Actual					524.2	
143	Dichloroethane, 1,2- Acceptable Range	ug/l	Total	Actual					524.2	
144	Dichloromethane Acceptable Range	ug/l	Total	Actual					524.2	
145	Vinyl chloride Acceptable Range	ug/l	Total	Actual					524.2	
149	Benzene Acceptable Range	ug/l	Total	Actual					524.2	
150	Naphthalene Acceptable Range	ug/l	Total	Actual					524.2	
164	Trichloroethane, 1,1,1- Acceptable Range	ug/l	Total	Actual					524.2	
168	Toluene	ug/l	Total	Actual					524.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
174	Tetrachloroethane, 1,1,1,2-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
176	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
177	Trichloroethane, 1,1,2-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
178	Dichloroethane, 1,1-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
179	1,1-Dichloroethylene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
181	Dichloropropene, 1,1-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
182	Trichlorobenzene, 1,2,3-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
183	Trichloropropane, 1,2,3-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
184	1,2,4-Trichlorobenzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
185	Trimethylbenzene, 1,2,4-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
186	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
187	1,2-Dichlorobenzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
188	Trimethylbenzene, 1,3,5-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
189	1,3-Dichlorobenzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
190	Dichloropropane, 1,3-	ug/l	Total	Actual					524.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
191	Dichloropropane, 2,2-	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
236	Monobromobenzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
238	Chlorobromomethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
240	Chlorobenzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
245	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO)	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
246	cis-1,3-Dichloropropene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
253	Dibromomethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
256	Dichlorodifluoromethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
263	Trichlorofluoromethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
265	Hexachlorobutadiene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
270	Cumene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
276	nitro-Benzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
277	Butyl benzene	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
281	Propylbenzene, n- Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
283	Chlorotoluene, 2- Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
289	Chlorotoluene, 4- Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
290	Cymene ***retired*** (use p-Cymene) Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
292	Styrene Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
293	Butylbenzene, sec- Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
294	Tetrachloroethylene Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
298	Trichloroethylene Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
299	Butylbenzene, tert- Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
301	trans-1,2-Dichloroethylene Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
302	trans-1,3-Dichloropropene Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
304	Xylenes mix of m + o + p Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
398	Ethylene dibromide (EDB) Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
400	MTBE, Methyl tertiary butyl ether Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	
82	Dichloropropane, 1,2- Acceptable Range	ug/l 0.00000 - 10,000.00000 ug/l	Total	Actual					524.2	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
4-6	Odor	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
118	Odor, Threshold Number	None	Total	Actual					140.1	
	Acceptable Range	0.00000 - 100,000.00000	None							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
40-6	525.1	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
147	Pcb-aroclor 1254	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
148	Pcb-aroclor 1260	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
169	Pcb-aroclor 1016	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
170	Pcb-aroclor 1221	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
171	Pcb-aroclor 1232	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
172	Pcb-aroclor 1242	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
173	Pcb-aroclor 1248	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
225	Benzo[a]pyrene	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
235	bis(2-ethylhexyl) phthalate	ug/l	Total	Actual					525.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	(DEHP)									
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
264	Hexachlorobenzene	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
266	Hexachlorocyclopentadiene	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
285	Pentachlorophenol (PCP)	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
332	Atrazine	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
335	Simazine	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
342	Alachlor	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
369	Butachlor	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
370	Metolachlor	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
371	Metribuzin	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
372	Propachlor	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
373	bis(2-ethylhexyl) adipate	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
403	Heptachlor epoxide	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
423	Chlordane, cis	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
424	Chlordane, gamma	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000	ug/l							
425	PCB-001	ug/l	Total	Actual					525.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
426	Dichlorobiphenyl	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
84	Chlordane	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
85	Toxaphene	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
87	BHC-gamma (Lindane)	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
89	Methoxychlor	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
90	Dieldrin	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
91	Heptachlor	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
94	Aldrin	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
95	Endrin	ug/l	Total	Actual					525.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
41-6	525.2	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
101	Malathion	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
104	Diazinon	ug/l	Total	Actual					525.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
106	Methyl parathion	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
117	Trifluralin	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
119	Dacthal	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
167	Endosulfan Sulfate	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
193	2,6-Dinitrotoluene	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
264	Hexachlorobenzene	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
266	Hexachlorocyclopentadiene	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
285	Pentachlorophenol (PCP)	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
309	Chloropyrifos	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
310	Disulfoton	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
321	Fonofos	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
332	Atrazine	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
334	Bromacil	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
335	Simazine	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
337	Dacthal	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
338	EPTC, Dipropylthiocarbamic acid s-ethyl ester	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
342	Alachlor	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
344	Cyanazine	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
350	Prometone	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
360	Terbacil	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
369	Butachlor	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
370	Metolachlor	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
371	Metribuzin	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
372	Propachlor	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
389	BHC-alpha	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
390	Chlordane, cis	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
391	BHC-beta	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
392	Daconil	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
393	BHC-delta	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
394	Chlordane, gamma	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
395	Hexazinone Acceptable Range	ug/l	Total	Actual					525.2	
396	Paraoxon Acceptable Range	ug/l	Total	Actual					525.2	
397	Nonachlor, trans- Acceptable Range	ug/l	Total	Actual					525.2	
403	Heptachlor epoxide Acceptable Range	ug/l	Total	Actual					525.2	
405	Endrin Aldehyde Acceptable Range	ug/l	Total	Actual					525.2	
407	Terbufos Acceptable Range	ug/l	Total	Actual					525.2	
411	Endosulfan, beta- Acceptable Range	ug/l	Total	Actual					525.2	
415	2,4-Dinitrotoluene Acceptable Range	ug/l	Total	Actual					525.2	
425	Pcb-aroclor 1262 Acceptable Range	ug/l	Total	Actual					525.2	
426	Dichlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2	
427	Molinate Acceptable Range	ug/l	Total	Actual					525.2	
428	Octachlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2	
429	Pentachlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2	
430	2,3,4-Trichloro-1,1'-biphenyl Acceptable Range	ug/l	Total	Actual					525.2	
431	Tetrachlorobiphenyl Acceptable Range	ug/l	Total	Actual					525.2	
435	Heptachlorobiphenyl	ug/l	Total	Actual					525.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
85	Toxaphene	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
86	Endosulfan, alpha-	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
87	BHC-gamma (Lindane)	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
89	Methoxychlor	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
90	Dieldrin	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
91	Heptachlor	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
94	Aldrin	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
95	Endrin	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
96	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
97	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
98	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
ENDRI313	Endrin ketone	ug/l	Total	Actual					525.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
42-6	531.1	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
128	Carbofuran	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
129	Sevin	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
131	Aldicarb	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
205	Hydroxycarbofuran, 3-	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
222	Propoxur	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
271	Mercaptodimethur	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
272	Methomyl	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
282	Oxamyl	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
408	Aldicarb sulfone	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
409	Aldicarb sulfoxide	ug/l	Total	Actual					531.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
43-6	TOC infared	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
18	Carbon, Total Organic (Toc)	mg/l	Total	Actual					5310-B	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
44-6	547	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
356	Glyphosate (Roundup)	ug/l	Total	Actual					547	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
45-6	548	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
374	Endothall	ug/l	Total	Actual					548	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
46-6	549	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
122	Paraquat	ug/l	Total	Actual					549	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
125	Diquat dibromide (Reglone)	ug/l	Total	Actual					549	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
47-6	551	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1,1,1327	Trichloropropane	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
134	Chloroform	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
139	Carbon tetrachloride	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
164	Trichloroethane, 1,1,1-	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
175	Trichloroacetone, 1,1,1-	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
180	Dichloroacetone, 1,1-	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
186		ug/l	Total	Actual					551	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	1,2-Dibromo-3-chloropropane (DBCP)									
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
237	Bromochloroacetonitrile	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
242	Chloropicrin	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
252	Dibromoacetonitrile	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
255	Dichloroacetonitrile	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
294	Tetrachloroethylene	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
297	Trichloroacetonitrile	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
298	Trichloroethylene	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
379	Chloral	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
398	Ethylene dibromide (EDB)	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
48-6	551CH	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
379	Chloral	ug/l	Total	Actual					551	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
49-6	Surfactants MBAS	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
60	MBAS (detergents, surfactants)	mg/l	Total	Actual					5540-C	
	Acceptable Range	0.00000 - 100,000.00000	mg/l							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
5-15	pH saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2	pH	None	Total	Actual					150.1	
	Acceptable Range	0.00000 - 14.00000	None							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
5-6	pH	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2	pH	None	Total	Actual					150.1	
	Acceptable Range	0.00000 - 14.00000	None							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
50-1	UV Absorption	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
375	Light Transmissivity	ug/l		Actual					5910B	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
50-6	UV Absorbtion	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
375	Light Transmissivity	ug/l		Actual					5910B	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
51-6	601	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
138	Methyl bromide	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range									
139	Carbon tetrachloride	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
140	Chloroethane	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
141	Methyl chloride	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
142	1,4-Dichlorobenzene	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
143	Dichloroethane, 1,2-	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
144	Dichloromethane	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
145	Vinyl chloride	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
164	Trichloroethane, 1,1,1-	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
176	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
177	Trichloroethane, 1,1,2-	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
178	Dichloroethane, 1,1-	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
179	1,1-Dichloroethylene	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
187	1,2-Dichlorobenzene	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
189	1,3-Dichlorobenzene	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
195	2-Chloroethyl vinyl ether	ug/l	Total	Actual					601	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
240	Chlorobenzene Acceptable Range	ug/l	Total	Actual					601	
246	cis-1,3-Dichloropropene Acceptable Range	ug/l	Total	Actual					601	
294	Tetrachloroethylene Acceptable Range	ug/l	Total	Actual					601	
298	Trichloroethylene Acceptable Range	ug/l	Total	Actual					601	
301	trans-1,2-Dichloroethylene Acceptable Range	ug/l	Total	Actual					601	
302	trans-1,3-Dichloropropene Acceptable Range	ug/l	Total	Actual					601	
306	Dichloromonofluoromethane Acceptable Range	ug/l	Total	Actual					601	
307	Trichlorofluoromethane Acceptable Range	ug/l	Total	Actual					601	
82	Dichloropropane, 1,2- Acceptable Range	ug/l	Total	Actual					601	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
52-1	6010 Dissolved Metals	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum Acceptable Range	ug/l	Dissolved	Actual					6010A	
109	Vanadium Acceptable Range	ug/l	Dissolved	Actual					6010A	
127	Thallium	ug/l	Dissolved	Actual					6010A	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
154	Mercury	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
31	Boron	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
32	Cadmium	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
33	Calcium	mg/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
34	Chromium	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
36	Iron	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
38	Magnesium	mg/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
39	Manganese	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
41	Potassium	mg/l	Dissolved	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium Acceptable Range	ug/l	Dissolved	Actual					6010A	
43	Silver Acceptable Range	ug/l	Dissolved	Actual					6010A	
44	Sodium Acceptable Range	mg/l	Dissolved	Actual					6010A	
45	Zinc Acceptable Range	ug/l	Dissolved	Actual					6010A	
88	Aluminum Acceptable Range	ug/l	Dissolved	Actual					6010A	
93	Beryllium Acceptable Range	ug/l	Dissolved	Actual					6010A	
99	Cobalt Acceptable Range	ug/l	Dissolved	Actual					6010A	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
52-3	6010 Total Metals	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
103	Molybdenum Acceptable Range	ug/l	Total	Actual					6010A	
109	Vanadium Acceptable Range	ug/l	Total	Actual					6010A	
127	Thallium Acceptable Range	ug/l	Total	Actual					6010A	
130	Antimony Acceptable Range	ug/l	Total	Actual					6010A	
154	Mercury	ug/l	Total	Actual					6010A	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
31	Boron	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
32	Cadmium	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
33	Calcium	mg/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
34	Chromium	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
36	Iron	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
38	Magnesium	mg/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
39	Manganese	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
41	Potassium	mg/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
42	Selenium	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
44	Sodium	mg/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
45	Zinc	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
88	Aluminum	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Total	Actual					6010A	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
524.5	524.5	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NAPHT624	Naphthalene	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
53-6	602	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
142	1,4-Dichlorobenzene	ug/l	Total	Actual					602	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
149	Benzene	ug/l	Total	Actual					602	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
168	Toluene	ug/l	Total	Actual					602	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
187	1,2-Dichlorobenzene	ug/l	Total	Actual					602	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
189	1,3-Dichlorobenzene	ug/l	Total	Actual					602	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
240	Chlorobenzene	ug/l	Total	Actual					602	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene	ug/l	Total	Actual					602	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
54-6	6020	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
127	Thallium	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
130	Antimony	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
29	Arsenic	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
30	Barium	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
32	Cadmium	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
34	Chromium	ug/l	Total	Actual					6020	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
35	Copper	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
37	Lead	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
39	Manganese	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
40	Nickel	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
43	Silver	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
45	Zinc	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
88	Aluminum	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
93	Beryllium	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
99	Cobalt	ug/l	Total	Actual					6020	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
55-6	608	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
147	Pcb-aroclor 1254	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
148	Pcb-aroclor 1260	ug/l	Total	Actual					608	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
165	BHC-alpha	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
166	BHC-delta	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
167	Endosulfan Sulfate	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
169	Pcb-aroclor 1016	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
170	Pcb-aroclor 1221	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
171	Pcb-aroclor 1232	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
172	Pcb-aroclor 1242	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
173	Pcb-aroclor 1248	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
403	Heptachlor epoxide	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
405	Endrin Aldehyde	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
411	Endosulfan, beta-	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
84	Chlordane	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
85	Toxaphene	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
86	Endosulfan, alpha-	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
87	BHC-gamma (Lindane)	ug/l	Total	Actual					608	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
89	Methoxychlor Acceptable Range	ug/l	Total	Actual					608	
90	Dieldrin Acceptable Range	ug/l	Total	Actual					608	
91	Heptachlor Acceptable Range	ug/l	Total	Actual					608	
92	BHC-beta Acceptable Range	ug/l	Total	Actual					608	
94	Aldrin Acceptable Range	ug/l	Total	Actual					608	
95	Endrin Acceptable Range	ug/l	Total	Actual					608	
96	DDT ***retired*** (use DDT, p,p'-) Acceptable Range	ug/l	Total	Actual					608	
97	DDE ***retired*** (use DDE, p,p'-) Acceptable Range	ug/l	Total	Actual					608	
98	DDD ***retired*** (use DDD, p,p') Acceptable Range	ug/l	Total	Actual					608	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
56-6	614	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
101	Malathion Acceptable Range	ug/l	Total	Actual					614	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
104	Diazinon	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
106	Methyl parathion	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
308	Dichlorovos (DDVP)	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
309	Chloropyrifos	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
310	Disulfoton	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
311	Phorate	ug/l	Total	Actual					614	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
57-6	615	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
110	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					615	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
112	Dicamba	ug/l	Total	Actual					615	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
113	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					615	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
120	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					615	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
121	Picloram	ug/l	Total	Actual					615	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
257	Dichlorprop	ug/l	Total	Actual					615	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
315	MCPA, Methyl chlorophenoxy acetic acid	ug/l	Total	Actual					615	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
404	Silvex	ug/l	Total	Actual					615	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
58-6	619	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
117	Trifluralin	ug/l	Total	Actual					619	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
332	Atrazine	ug/l	Total	Actual					619	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
335	Simazine	ug/l	Total	Actual					619	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
342	Alachlor	ug/l	Total	Actual					619	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
59-6	6233	Sample	Water				N

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Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
126	Bromochloroacetic acid (BCAA)	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
192	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
197	Chlorophenol-2	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
251	Dibromoacetic acid (DBAA)	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
254	Dichloroacetic acid (DCAA)	mg/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
273	Bromoacetic acid (MBAA)	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
274	Chloroacetic acid (MCAA)	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
296	Trichloroacetic acid (TCAA)	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
412	2,4-Dichlorophenol	ug/l	Total	Actual					6233-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
6-15	TSS saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
14	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
6-6	TSS	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
14	Solids, Total Suspended (TSS)	mg/l		Actual					160.2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
61-6	624	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
123	Acrolein	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
134	Chloroform	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
138	Methyl bromide	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
139	Carbon tetrachloride	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
140	Chloroethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
141	Methyl chloride	ug/l	Total	Actual					624	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
142	1,4-Dichlorobenzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
143	Dichloroethane, 1,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
144	Dichloromethane	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
145	Vinyl chloride	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
149	Benzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
164	Trichloroethane, 1,1,1-	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
168	Toluene	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
176	Tetrachloroethane, 1,1,2,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
177	Trichloroethane, 1,1,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
178	Dichloroethane, 1,1-	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
179	1,1-Dichloroethylene	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
187	1,2-Dichlorobenzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
189	1,3-Dichlorobenzene	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
194	Methyl ethyl ketone	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
195	2-Chloroethyl vinyl ether	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
198	Hexanone, 2- Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
218	Acetone Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
219	Acrylonitrile Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
239	Carbon disulfide Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
240	Chlorobenzene Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
244	Cyclohexane Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
245	Dichloroethylene, cis-1,2- ***retired*** (use CIS-1,2-DICHLO) Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
246	cis-1,3-Dichloropropene Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
263	Trichlorofluoromethane Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
292	Styrene Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
294	Tetrachloroethylene Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
298	Trichloroethylene Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
301	trans-1,2-Dichloroethylene Acceptable Range	ug/l	Total	Actual					624	
		0.00000 - 10,000.00000 ug/l								
302	trans-1,3-Dichloropropene	ug/l	Total	Actual					624	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
303	Vinyl acetate	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
304	Xylenes mix of m + o + p	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
4-MET370	Methyl isobutyl ketone	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
400	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
82	Dichloropropane, 1,2-	ug/l	Total	Actual					624	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
62-6	625	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
142	1,4-Dichlorobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
150	Naphthalene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
184	1,2,4-Trichlorobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
187	1,2-Dichlorobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
189	1,3-Dichlorobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
192	2,4,6-Trichlorophenol (TCPPh)	ug/l	Total	Actual					625	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
193	2,6-Dinitrotoluene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
196	Chloronaphthalene-2	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
197	Chlorophenol-2	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
199	Methylnaphthalene, 2-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
200	Cresol, o-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
201	Dinitro-o-cresol	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
202	Nitroaniline, 2-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
203	Nitrophenol, 2-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
204	Dichlorobenzidine, 3,3'-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
206	Cresol, m-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
207	m-Nitroaniline	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
208	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
209	Chloroaniline, 4-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
210	4-Chloro-3-methylphenol	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
211	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
212	Cresol, p- Acceptable Range	ug/l	Total	Actual					625	
214	p-Nitroaniline Acceptable Range	ug/l	Total	Actual					625	
215	p-Nitrophenol Acceptable Range	ug/l	Total	Actual					625	
216	Acenaphthene Acceptable Range	ug/l	Total	Actual					625	
217	Acenaphthylene Acceptable Range	ug/l	Total	Actual					625	
220	Aniline Acceptable Range	ug/l	Total	Actual					625	
221	Anthracene Acceptable Range	ug/l	Total	Actual					625	
223	Benzidine Acceptable Range	ug/l	Total	Actual					625	
224	Benzo[a]anthracene Acceptable Range	ug/l	Total	Actual					625	
225	Benzo[a]pyrene Acceptable Range	ug/l	Total	Actual					625	
226	Benzo[b]fluoranthene Acceptable Range	ug/l	Total	Actual					625	
227	Benzo[g,h,i]perylene Acceptable Range	ug/l	Total	Actual					625	
228	Benzo[k]fluoranthene Acceptable Range	ug/l	Total	Actual					625	
229	Benzoic acid Acceptable Range	ug/l	Total	Actual					625	
230	Benzyl alcohol Acceptable Range	ug/l	Total	Actual					625	
231	Butyl benzyl phthalate	ug/l	Total	Actual					625	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
232	bis(2-chloroethoxy) methane	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
233	bis(2-chloroethyl) ether	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
234	Dichlorodiisopropyl ether, 2,2'-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
235	bis(2-ethylhexyl) phthalate (DEHP)	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
243	Chrysenes C1-C4	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
247	Dibutyl phthalate	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
248	bis(n-octyl) Phthalate	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
249	Dibenzo[a,h]anthracene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
250	Dibenzofuran	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
258	Diethyl phthalate	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
259	Dimethyl phthalate	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
261	Fluoranthenes, C1-C4	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
262	Fluorenes, C1-C3	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
264	Hexachlorobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
265	Hexachlorobutadiene	ug/l	Total	Actual					625	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
266	Hexachlorocyclopentadiene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
267	Hexachloroethane	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
268	Indeno[1,2,3-cd]pyrene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
269	Isophorone	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
276	nitro-Benzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
278	n-Nitrosodipropylamine	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
279	Nitrosodimethylamine, n-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
280	n-Nitrosodiphenylamine	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
285	Pentachlorophenol (PCP)	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
286	Phenanthrenes, C1-C4	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
287	Phenol	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
288	Pyrene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
412	2,4-Dichlorophenol	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
413	2,4-Dimethylphenol	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
414	Dinitrophenol, 2,4-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
415	2,4-Dinitrotoluene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
433	Trichlorophenol, 2,4,5-	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
448	Cresol	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
456	Dinitro-o-cresol	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
457	Azobenzene	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
458	Carbazole	ug/l	Total	Actual					625	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
6223	6223	Sample	Water				N
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
192	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
197	Chlorophenol-2	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
254	Dichloroacetic acid (DCAA)	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
412	2,4-Dichlorophenol	ug/l	Total	Actual					GENERIC METHOD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
63-6	8140	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
101	Malathion	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
104	Diazinon	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
106	Methyl parathion	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
308	Dichlorovos (DDVP)	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
309	Chloropyrifos	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
310	Disulfoton	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
311	Phorate	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
325	Demeton	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
TRICH221	Dylox	ug/l	Total	Actual					8140	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
64-6	8150	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
110	2,4-D, Dichlorophenoxyacetic acid	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
112	Dicamba	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
113	DNBP, 4,6-Dinitro-2-sec-butylphenol **retired**(use Dinoseb)	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
120	2,4,5-T, Trichlorophenoxyacetic acid	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
121	Picloram	ug/l	Total	Actual					8150B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
257	Dichlorprop	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
285	Pentachlorophenol (PCP)	ug/l	Total	Actual					8150B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
315	MCPA, Methyl chlorophenoxy acetic acid	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
404	Silvex	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
66-6	8270B	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
142	1,4-Dichlorobenzene Acceptable Range	ug/l	Total	Actual					8270B(W)	
150	Naphthalene Acceptable Range	ug/l	Total	Actual					8270B(W)	
184	1,2,4-Trichlorobenzene Acceptable Range	ug/l	Total	Actual					8270B(W)	
187	1,2-Dichlorobenzene Acceptable Range	ug/l	Total	Actual					8270B(W)	
189	1,3-Dichlorobenzene Acceptable Range	ug/l	Total	Actual					8270B(W)	
192	2,4,6-Trichlorophenol (TCPH) Acceptable Range	ug/l	Total	Actual					8270B(W)	
193	2,6-Dinitrotoluene Acceptable Range	ug/l	Total	Actual					8270B(W)	
196	Chloronaphthalene-2 Acceptable Range	ug/l	Total	Actual					8270B(W)	
197	Chlorophenol-2 Acceptable Range	ug/l	Total	Actual					8270B(W)	
199	Methylnaphthalene, 2- Acceptable Range	ug/l	Total	Actual					8270B(W)	
200	Cresol, o- Acceptable Range	ug/l	Total	Actual					8270B(W)	
201	Dinitro-o-cresol Acceptable Range	ug/l	Total	Actual					8270B(W)	
202	Nitroaniline, 2- Acceptable Range	ug/l	Total	Actual					8270B(W)	
203	Nitrophenol, 2- Acceptable Range	ug/l	Total	Actual					8270B(W)	
204	Dichlorobenzidine, 3,3'- Acceptable Range	ug/l	Total	Actual					8270B(W)	
207	m-Nitroaniline	ug/l	Total	Actual					8270B(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
208	Bromophenyl-4 phenyl ether	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
209	Chloroaniline, 4-	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
210	4-Chloro-3-methylphenol	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
211	Chlorophenyl-4 phenyl ether	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
214	p-Nitroaniline	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
215	p-Nitrophenol	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
216	Acenaphthene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
217	Acenaphthylene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
220	Aniline	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
221	Anthracene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
223	Benzidine	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
224	Benzo[a]anthracene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
225	Benzo[a]pyrene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
226	Benzo[b]fluoranthene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
227	Benzo[g,h,i]perylene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
228	Benzo[k]fluoranthene Acceptable Range	ug/l	Total	Actual					8270B(W)	
229	Benzoic acid Acceptable Range	ug/l	Total	Actual					8270B(W)	
230	Benzyl alcohol Acceptable Range	ug/l	Total	Actual					8270B(W)	
231	Butyl benzyl phthalate Acceptable Range	ug/l	Total	Actual					8270B(W)	
232	bis(2-chloroethoxy) methane Acceptable Range	ug/l	Total	Actual					8270B(W)	
233	bis(2-chloroethyl) ether Acceptable Range	ug/l	Total	Actual					8270B(W)	
234	Dichlorodiisopropyl ether, 2,2'- Acceptable Range	ug/l	Total	Actual					8270B(W)	
235	bis(2-ethylhexyl) phthalate (DEHP) Acceptable Range	ug/l	Total	Actual					8270B(W)	
243	Chrysenes C1-C4 Acceptable Range	ug/l	Total	Actual					8270B(W)	
247	Dibutyl phthalate Acceptable Range	ug/l	Total	Actual					8270B(W)	
248	bis(n-octyl) Phthalate Acceptable Range	ug/l	Total	Actual					8270B(W)	
249	Dibenzo[a,h]anthracene Acceptable Range	ug/l	Total	Actual					8270B(W)	
250	Dibenzofuran Acceptable Range	ug/l	Total	Actual					8270B(W)	
258	Diethyl phthalate Acceptable Range	ug/l	Total	Actual					8270B(W)	
259	Dimethyl phthalate Acceptable Range	ug/l	Total	Actual					8270B(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
261	Fluoranthenes, C1-C4 Acceptable Range	ug/l	Total	Actual					8270B(W)	
262	Fluorenes, C1-C3 Acceptable Range	ug/l	Total	Actual					8270B(W)	
264	Hexachlorobenzene Acceptable Range	ug/l	Total	Actual					8270B(W)	
265	Hexachlorobutadiene Acceptable Range	ug/l	Total	Actual					8270B(W)	
266	Hexachlorocyclopentadiene Acceptable Range	ug/l	Total	Actual					8270B(W)	
267	Hexachloroethane Acceptable Range	ug/l	Total	Actual					8270B(W)	
268	Indeno[1,2,3-cd]pyrene Acceptable Range	ug/l	Total	Actual					8270B(W)	
269	Isophorone Acceptable Range	ug/l	Total	Actual					8270B(W)	
276	nitro-Benzene Acceptable Range	ug/l	Total	Actual					8270B(W)	
278	n-Nitrosodipropylamine Acceptable Range	ug/l	Total	Actual					8270B(W)	
279	Nitrosodimethylamine, n- Acceptable Range	ug/l	Total	Actual					8270B(W)	
280	n-Nitrosodiphenylamine Acceptable Range	ug/l	Total	Actual					8270B(W)	
285	Pentachlorophenol (PCP) Acceptable Range	ug/l	Total	Actual					8270B(W)	
286	Phenanthrenes, C1-C4 Acceptable Range	ug/l	Total	Actual					8270B(W)	
287	Phenol Acceptable Range	ug/l	Total	Actual					8270B(W)	
288	Pyrene	ug/l	Total	Actual					8270B(W)	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
412	2,4-Dichlorophenol	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
413	2,4-Dimethylphenol	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
414	Dinitrophenol, 2,4-	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
415	2,4-Dinitrotoluene	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
433	Trichlorophenol, 2,4,5-	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
448	Cresol	ug/l	Total	Actual					8270B(W)	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-1	Alpha and Beta, dissolved	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
65	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Dissolved	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-15	Alpha/beta Total Saline	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
65	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-19	Alpha/beta Dissolved Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
65	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Dissolved	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
67-6	Alpha and Beta, Total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
65	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group	Habitat	
68-1	Radium 226, dissolved	Sample	Water						N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
67	Radium-226	pCi/L	Dissolved	Actual					903.1	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group	Habitat	
68-15	Radium 226 total saline	Sample	Water						N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
67	Radium-226	pCi/L	Total	Actual					903.1	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group	Habitat	
68-19	Radium 226 Diss saline	Sample	Water						N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
67	Radium-226	pCi/L	Dissolved	Actual					903.1	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
68-6	Radium 226, Total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
67	Radium-226	pCi/L	Total	Actual					903.1	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-15	Reactive Sulfide Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
160	Sulfide	mg/l	Total	Actual					9030A	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
69-6	Hydrogen sulfide	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
160	Sulfide Acceptable Range	mg/l	Total	Actual					9030A	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
7-15	TVS saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
75	Solids, Volatile Acceptable Range	mg/l		Calculated					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
7-6	TVS	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
75	Solids, Volatile Acceptable Range	mg/l		Calculated					160.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-1	Radium 228, Dissolved	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
68	Radium-228	pCi/L	Dissolved	Actual					904	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-15	Radium 228 Total Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
68	Radium-228	pCi/L	Total	Actual					904	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-19	Radium 228 Diss Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
68	Radium-228	pCi/L	Dissolved	Actual					904	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
70-6	Radium 228, Total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
68	Radium-228	pCi/L	Total	Actual					904	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71-1	Uranium by activity, Dissolved	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
105	Uranium	pCi/L	Dissolved	Actual					908	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71-15	Uranium By Activi Total Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
105	Uranium	pCi/L	Total	Actual					908	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71-19	Uranium by Activ Diss Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
105	Uranium	pCi/L	Dissolved	Actual					908	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
71-6	Uranium by activity, total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
105	Uranium	pCi/L	Total	Actual					908	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
72-15	BTEX Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
124	Xylenes mix of m + o + p	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
149	Benzene	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
150	Naphthalene	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
168	Toluene	ug/l	Total	Actual					GENERIC METHOD2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
260	Ethylbenzene	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
400	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
72-6	BTEX	Sample	Water				N
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
149	Benzene	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
150	Naphthalene	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
168	Toluene	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
260	Ethylbenzene	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
284	Xylene, o-	ug/l	Total	Actual					8021B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
400	MTBE, Methyl tertiary butyl ether	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
422	Xylenes, m- & p- Mix	ug/l	Total	Actual					8021B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
73-1	Alpha Coprecipitation, Dissolv	Sample	Water				N

Citations USEPA, 1984, Radiochemistry Procedures Manual, Eastern Environmental Radiation Facility, USEPA, EPA 520/5-84-006

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
73-15	Alpha Coprecip total saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					00-02	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
73-19	Alpha Coprecip Diss Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual					00-02	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group	Habitat	
73-6	Alpha Coprecipitation, Total	Sample	Water						N	
	Citations	USEPA, 1984, Radiochemistry Procedures Manual, Eastern Environmental Radiation Facility, USEPA, EPA 520/5-84-006								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
64	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					900	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group	Habitat	
74-15	Misc Organics Saline	Sample	Water						N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020								
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
121	Picloram	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
312	Ethylene glycol	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
313	Propylene glycol allyl ether	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
314	Isopropyl alcohol	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
74-6	Miscellaneous organics	Sample	Water				N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
121	Picloram	ug/l	Total	Actual						
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
312	Ethylene glycol	mg/l	Total	Actual						
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
313	Propylene glycol allyl ether	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
314	Isopropyl alcohol	ug/l	Total	Actual						
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
76-15	THM's By 524.2 Saline	Sample	Water				N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					524.2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
76-6	THM	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134	Chloroform	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
135	Bromoform	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
136	Dichlorobromomethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
137	Chlorodibromomethane	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
146	Trihalomethanes (unspecified mix)	ug/l	Total	Actual					524.2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
77-15	TOX Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
378	Halogenated organics (unspecified mix)	ug/l	Total	Actual					5320-B	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
77-6	TOX	Sample	Water				N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
378	Halogenated organics (unspecified mix)	ug/l	Total	Actual					5320-B	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
78-15	TPH Saline	Sample	Water				N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
295	Hydrocarbons, Volatile Petroleum (VPH)	mg/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
78-6	TPH	Sample	Water				N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
295	Hydrocarbons, Volatile Petroleum (VPH)	mg/l	Total	Actual					8015B	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
	Diesel range organics									
	Gasoline range organics									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
79-15	Total Coliforms Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
25	Total Coliform	#/100ml	Total	Actual					9222-B	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
79-6	Total Coliform	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
25	Total Coliform	#/100ml	Total	Actual					9222-B	
	Acceptable Range	0.00000 - 10,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
8-15	Settable Solids saline	Sample	Water				N

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Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
74	Solids, Settleable	mg/l		Actual					160.5	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
8-6	SETTABLE SOLIDS	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
74	Solids, Settleable	mg/l		Actual					160.5	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
80-15	Fecal Coliform Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
26	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
80-6	Fecal Coliform	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
26	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
81-15	Fecal Strep Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
24	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9230C	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
81-6	Fecal Strep	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
24	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9230C	
	Acceptable Range	0.00000 - 10,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
82-11	Chlorophyl a from periphyton	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
79	Chlorophyll a, uncorrected for pheophytin	mg/m2	Total	Actual					10200-H		
Acceptable Range		0.00000 - 1,000,000.00000 mg/m2									
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat	
82-15	Chlorophyl A saline	Sample	Water							N	
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020									
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
79	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H		
Acceptable Range		0.00000 - 100,000.00000 ug/l									
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat	
82-28	Chlorophyl A from Periphyton	Sample	Water							N	
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
489	Chlorophyll a, uncorrected for pheophytin	mg/m2	Total	Actual					10200-H		
Acceptable Range		0.00000 - 10,000.00000 mg/m2									
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat	
82-6	chlorophyl-a	Sample	Water							N	
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
79	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H		
	Acceptable Range	0.00000 - 1,000.00000 ug/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat				
83-15	Oil and Grease saline	Sample	Water				N				
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020									

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
17	Oil and Grease	mg/l	Total	Actual					413.1		
	Acceptable Range	0.00000 - 100,000.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat				
83-6	Oil and Grease	Sample	Water				N				
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020									

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
17	Oil and Grease	mg/l	Total	Actual					413.1		
	Acceptable Range	0.00000 - 100,000.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat				
84-15	RSS saline	Sample	Water				N				
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
115	Solids, Fixed	mg/l		Actual					2540-E	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
84-6	RSS	Sample	Water				N	
	Citations	American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition						

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
115	Solids, Fixed	mg/l		Actual					2540-E	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
86-6	Corrosivity CaCO3 satur	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
158	Corrosion & scaling control, Langelier Saturation Index	None	Total	Actual					2330B	
	Acceptable Range	0.00000 - 10,000.00000 None								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
87-1	Selenium GF/AA Dissolved	Sample	Water				N	
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium	ug/l	Dissolved	Actual					200.9	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
87-19	Se GF/AA Diss saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium	ug/l	Dissolved	Actual					200.9	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
87-2	Selenium GF/AA acid soluble	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium	ug/l	Acid Soluble	Actual					200.9	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
87-20	Se GF/AA Total saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium	ug/l	Total	Actual					200.9	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
87-21	Se GF/AA Acid Sol saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium	ug/l	Acid Soluble	Actual					200.9	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
87-3	Selenium GF/AA total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
42	Selenium	ug/l	Total	Actual					200.9	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
9-15	Turbidity saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
61	Turbidity Acceptable Range	NTU 0.00000 - 100,000.00000 NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
9-3	Turbidity Total	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
61	Turbidity Acceptable Range	NTU 0.00000 - 100,000.00000 NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
9-6	TURBIDITY	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
61	Turbidity Acceptable Range	NTU 0.00000 - 10,000.00000 NTU		Actual					180.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
91-15	Perchlorate saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
416	Perchlorate	ug/l	Total	Actual					314	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
91-6	Perchlorate	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
416	Perchlorate	ug/l	Total	Actual					314	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
92-6	508.0	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
147	Pcb-aroclor 1254	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
148	Pcb-aroclor 1260	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
169	Pcb-aroclor 1016	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
170	Pcb-aroclor 1221	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
171	Pcb-aroclor 1232	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
172	Pcb-aroclor 1242	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
173	Pcb-aroclor 1248	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
264	Hexachlorobenzene	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
266	Hexachlorocyclopentadiene	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
403	Heptachlor epoxide	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
84	Chlordane	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
85	Toxaphene	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
87	BHC-gamma (Lindane)	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
89	Methoxychlor	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
90	Dieldrin	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
91	Heptachlor	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
94	Aldrin	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
95	Endrin	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
96	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
97	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					508	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
98	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					508	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
93-6	508.1	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
147	Pcb-aroclor 1254	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
148	Pcb-aroclor 1260	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
169	Pcb-aroclor 1016	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
170	Pcb-aroclor 1221	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
171	Pcb-aroclor 1232	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
172	Pcb-aroclor 1242	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
173	Pcb-aroclor 1248	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
264	Hexachlorobenzene	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
266	Hexachlorocyclopentadiene	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
403	Heptachlor epoxide	ug/l	Total	Actual					508.1	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
84	Chlordane	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
85	Toxaphene	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
87	BHC-gamma (Lindane)	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
89	Methoxychlor	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
90	Dieldrin	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
91	Heptachlor	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
94	Aldrin	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
95	Endrin	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
96	DDT ***retired*** (use DDT, p,p'-)	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
97	DDE ***retired*** (use DDE, p,p'-)	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
98	DDD ***retired*** (use DDD, p,p')	ug/l	Total	Actual					508.1	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
94-6	552	Sample	Water				N
Citations		USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
126	Bromochloroacetic acid (BCAA)	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
192	2,4,6-Trichlorophenol (TCPh)	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
197	Chlorophenol-2	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
251	Dibromoacetic acid (DBAA)	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
254	Dichloroacetic acid (DCAA)	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
273	Bromoacetic acid (MBAA)	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
274	Chloroacetic acid (MCAA)	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
296	Trichloroacetic acid (TCAA)	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
412	2,4-Dichlorophenol	ug/l	Total	Actual					552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
95-6	6251B	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
126	Bromochloroacetic acid (BCAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
251	Dibromoacetic acid (DBAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
254	Dichloroacetic acid (DCAA)	ug/l	Total	Actual					6251B/552	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
273	Bromoacetic acid (MBAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
274	Chloroacetic acid (MCAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
296	Trichloroacetic acid (TCAA)	ug/l	Total	Actual					6251B/552	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
96-6	8260B	Sample	Water				N
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
97-15	Radon by 913 saline	Sample	Water				N
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
114	Radon-222	pCi/L	Total	Actual					913.0	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
97-6	Radon by 913.0	Sample	Water				N
	Citations	USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020					

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
114	Radon-222	pCi/L	Total	Actual					913.0	
	Acceptable Range	0.00000 - 1,000,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
98-15	Radon by 7500 saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
114	Radon-222	pCi/L	Total	Actual					7500-RA(B)	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
98-6	Radon by 7500B	Sample	Water				N

Citations American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
114	Radon-222	pCi/L	Total	Actual					7500-RA(B)	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
99-15	Oil and Grease Hexane Saline	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Oil and Grease	mg/l	Total	Actual					1664	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
438	Oil and Grease	mg/l	Total	Actual					1664	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
99-6	Oil & Grease Hexane	Sample	Water				N
Citations		USEPA, 1992, Methods for the Determination of Diesel, Mineral, and Crude Oils in Offshore Oil and Gas Industry Discharges, USEPA, EPA 821/R-92-008					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
17	Oil and Grease	mg/l	Total	Actual					1664	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
438	Oil and Grease	mg/l	Total	Actual					1664	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B2	B2	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
B.O.D64	BOD, Biochemical oxygen demand	mg/l	Total	Actual			5 Day		GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
B6	B6	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
BOD7	BOD, Biochemical oxygen demand	mg/l	Dissolved	Actual			5 Day		GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
CARB.8	BOD, carbonaceous	mg/l	Total	Actual			5 Day		GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
SOL/C9	BOD, carbonaceous	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
BA2	MPN	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
M.F. 390	Fecal Coliform		Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000								
M.F. 391	Fecal Coliform		Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000								
M.P.N387	Fecal Coliform	#/100ml	Total	Actual					9221-E	
	Acceptable Range	0.00000 - 99,000,000.00000 #/100ml								
M.P.N388	Fecal Coliform		Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000								
MPNTC25	Total Coliform	#/100ml	Total	Actual					9221-C	
	Acceptable Range	0.00000 - 99,000,000.00000 #/100ml								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
BA3	Bacti membrane filter	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
MFFC29	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
MFFS27	Fecal Streptococcus Group Bacteria	#/100ml	Total	Actual					9222-D	
	Acceptable Range	0.00000 - 1,000,000.00000 #/100ml								
MFTC28	Total Coliform	#/100ml	Total	Actual					9222-B	
	Acceptable Range	0.00000 - 9,000,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
BLMSHL	BLM State Health Lab	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Boron									
	Nitrogen, ammonia (NH3) as NH3									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat	
BUGS1	Fred M's Bug List	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N	
Citations		American Public Health Association, 1992, Standard Methods for the Examination of Water and Wastewater, 18th Edition., American Public Health Association, 18th Edition						
Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1	Heptageniidae		#/m3	Calculated	Mean			
10	Rhyacophila			Actual				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
11	Hydropsyche			Actual				
12	Arctopsyche			Actual				
2	Heptagenia			Actual				
3	Ephemerellidae			Actual				
4	Zapada haysi			Actual				
5	Kogotus			Actual				
6	Isoperla			Actual				
7	Isoperla			Actual				
8	Perlomyia			Actual				
9	Rhyacophila			Actual				
98	Pteronarcys			Actual				
	Aeshna							
	Aeshnidae							
	Agabus							
	Agapetus							
	Agathon							
	Agrionidae							
	Allocosmoecus							
	Ambrysus mormon							
	Ameletus							
	Amiocentrus							
	Amphinemura							
	Amphipoda							
	Anax							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Antocha monticola							
	Apatania							
	Arctopsyche							
	Arctopsyche grandis							
	Argia							
	Asellidae							
	Asellus							
	Atherix							
	Atopsyche							
	Attenella							
	Attenella delantala							
	Attenella margarita							
	Attenuatella							
	Baetidae							
	Baetis							
	Bezzia							
	Blepharicera							
	Blephariceridae							
	Brachycentridae							
	Brachycentrus							
	Brachycentrus americanus							
	Brachycentrus occidentalis							
	Calamoceratidae							
	Calineuria californica							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Capniidae							
	Carabidae							
	Caudatella							
	Caudatella heterocaudata							
	Caudatella hystrix							
	Ceraclea							
	Ceratopogonidae							
	Chelifera							
	Cheumatopsyche							
	Chimarra							
	Chironomidae							
	Chironomini							
	Chloroperlidae							
	Cinygmula							
	Claassenia sabulosa							
	Clinocera							
	Cloeon							
	Coenagrionidae							
	Coleoptera							
	Copepoda							
	Cordulegaster							
	Cordulegastridae							
	Corixidae							
	Corydalidae							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Corydalus							
	Crustacea							
	Culicidae							
	Cultus							
	Daphnia							
	Decapoda							
	Despaxia augusta							
	Dicosmoecus							
	Dicranota							
	Diplectronea							
	Diptera							
	Diura knowltoni							
	Dixa							
	Dixidae							
	Dolophilodes							
	Doroneuria							
	Doroneuria baumanni							
	Doroneuria theodora							
	Drunella							
	Drunella coloradensis							
	Drunella grandis							
	Drunella spinifera							
	Dytiscidae							
	Ecclisomyia							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Ectopria							
	Elmidae							
	Empididae							
	Epeorus							
	Epeorus longimanus							
	Ephemerella							
	Ephemerella inermis							
	Ephemerellidae							
	Ephemeroptera							
	Erpobdella							
	Eubrianax							
	Euparyphus							
	Forcipomyia							
	Gammarus							
	Gastropoda							
	Glossosoma							
	Glossosomatidae							
	Glutops							
	Gomphidae							
	Gumaga							
	Halplidae							
	Helicopsyche borealis							
	Helobdella							
	Hemerodromia							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Hemiptera							
	Heptagenia							
	Heptagenia simplicioides							
	Hesperoperla							
	Hesperoperla pacifica							
	Hesperophylax							
	Heteroplectron							
	Hexatoma							
	Hirudinea							
	Hyalella azteca							
	Hydrophilidae							
	Hydropsyche							
	Hydropsychidae							
	Hydroptila							
	Hydroptilidae							
	Ironodes							
	Isogenoides							
	Isoperla							
	Isoperla ebria							
	Isoperla fusca							
	Isopoda							
	Kathroperla perdita							
	Kogotus							
	Kogotus modestus							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Lara							
	Lepidoptera							
	Lepidostomatidae							
	Leptoceridae							
	Leptohyphes							
	Leptophlebiidae							
	Leucotrichia							
	Leuctridae							
	Limnephilidae							
	Limnephilus							
	Lumbricidae							
	Lymnaea							
	Lymnaeidae							
	Malenka							
	Maruina							
	Mayatrichia							
	Megaloptera							
	Megarcys							
	Megarcys signata							
	Micrasema							
	Naididae							
	Naucoridae							
	Nectopsyche							
	Nematoda							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Nemouridae							
	Neophylax							
	Neothremma							
	Neotrichia							
	Octogomphus							
	Odonata							
	Oecetis							
	Oligochaeta							
	Oligophlebodes							
	Ophiogomphus							
	Optioservus							
	Oreogeton							
	Orthoclaadiinae							
	Ostracoda							
	Paraleptophlebia							
	Paraleuctra							
	Paraperla							
	Parapsyche							
	Parapsyche elsis							
	Pedomoecus							
	Pelecorhynchidae							
	Pelecypoda							
	Peltoperlidae							
	Pericoma							

Characteristic Group Details

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Perlinodes aurea							
	Perlodidae							
	Perlomyia							
	Petrophila							
	Philopotamidae							
	Physa							
	Physidae							
	Planaria							
	Planorbidae							
	Plecoptera							
	Podmosta							
	Polycentropodidae							
	Polycentropus							
	Prosimulium							
	Prostoia							
	Protoptila							
	Psephenidae							
	Psephenus							
	Psychodidae							
	Psychomyia							
	Psychomyiidae							
	Pteronarcella							
	Pteronarcella badia							
	Pteronarcyidae							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Pteronarcys							
	Pteronarcys californica							
	Pyralidae							
	Rhagionidae							
	Rhithrogena							
	Rhithrogena hageni							
	Rhithrogena robusta							
	Rhyacophila							
	Rhyacophila acropedes							
	Rhyacophila angelita							
	Rhyacophila coloradensis							
	Rhyacophila hyalinata							
	Rhyacophila oreta							
	Rhyacophila rotunda							
	Rhyacophila tucula							
	Rhyacophila vagrita							
	Rhyacophila vepulsa							
	Rhyacophila verrula							
	Rhyacophilidae							
	Sericostomatidae							
	Serratella							
	Serratella tibialis							
	Sialidae							
	Sialis							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Simuliidae							
	Simulium							
	Siphonuridae							
	Skwala							
	Soliperla							
	Stratiomyidae							
	Suwallia							
	Sweltsa							
	Tabanidae							
	Tabanus							
	Taenionema							
	Taeniopterygidae							
	Taeniopteryx							
	Tanypodinae							
	Tinodes							
	Tipula							
	Tipulidae							
	Trichoptera							
	Tricorythodes							
	Tricorythodes minutus							
	Tubificidae							
	Visoka cataractae							
	Wormaldia							
	Yoraperla							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Yoraperla brevis							
	Zaitzevia							
	Zapada							
	Zapada cinctipes							
	Zapada haysi							
	Zapada oregonensis							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
C0	C0	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ASBES303	Asbestos	%	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100.00000 %								
BROMI302	Bromide	mg/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
COLOR525	Color, True	None	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 None								
DISS 297	Solids, Dissolved	mg/l		Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
ODOR,530	Odor, Threshold Number	None	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 None								
SODIU298	Sodium		Total	Actual					GENERIC METHOD2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TURBI276	Turbidity	NTU	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000								
	Acceptable Range	0.00000 - 10,000.00000 NTU								
Group ID	Group Name	Field Activity	Medium	Intent		Community			Result Group	Habitat
C2	C2	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PH63	pH	None	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 14.00000 None								
RESID524	Solids, Fixed	mg/l		Actual					2540-E	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
Group ID	Group Name	Field Activity	Medium	Intent		Community			Result Group	Habitat
C3	C3	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CALCI397	Calcium	mg/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
MAGNE403	Magnesium	mg/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
POTAS406	Potassium	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SODIU409	Sodium	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
C4	C4	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A	Sulfur, sulfate (SO4) as SO4	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
BICAR459	Bicarbonate	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
CARBO460	Carbon dioxide	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
CARBO461	Carbonate ion (CO3-2)	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
CHLOR462	Chloride	mg/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
FLUOR463	Fluorides	mg/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
HYDRO464	Hydroxide	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
SILIC468	Silica	mg/l	Dissolved	Actual					GENERIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
SP. C476	Specific conductance	umho/cm	Total	Actual					METHOD2	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
SP. G475	Specific gravity	None	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.50000 - 1.50000 None								
SURFA473	MBAS (detergents, surfactants)	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
T. AL471	Alkalinity, Carbonate as CaCO3	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
T. HD472	Hardness, Ca + Mg	mg/l	Total	Calculated					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
TDS@477	Solids, Dissolved	mg/l		Actual					2540-C	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
TURBI474	Turbidity	NTU	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
C6	C6	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DS	Solids, Dissolved	mg/l		Actual					2540-C	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
SOLID5	Solids, Total Suspended (TSS)	mg/l		Actual					2540-D	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
SOLID6	Solids, Total Suspended (TSS)	mg/l	Volatile	Calculated					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CHLORINE	Residual Chlorine	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLORINE	Chlorine	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CN2	CN2	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CYANCHL	Cyanides Amenable to Chlorination	mg/l	Total	Actual					335.4	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
CYANI296	Cyanide	mg/l	Total	Actual					335.4	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
CYANI325	Cyanide		Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000								
CYANI71	Cyanide	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CYANIH+	Cyanide Acceptable Range	mg/l 0.00000 - 10,000.00000 mg/l	Acid Soluble	Actual					335.4	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
COILERT	Field Coliform results by Coil	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
10	Total Coliform Acceptable Range	#/100ml 0.00000 - 3,000.00000 #/100ml	Total	Actual					COILERT	
13	Escherichia coli Acceptable Range	#/100ml 0.00000 - 3,000.00000 #/100ml	Total	Actual					COILERT	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CUWCDBAC	CUWCD Bacti results	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
E. COL.	Escherichia coli Acceptable Range	#/100ml 0.00000 - 100,000.00000 #/100ml	Total	Actual					9223-B	
FEC.	Fecal Coliform Acceptable Range	#/100ml 0.00000 - 100,000.00000 #/100ml	Total	Actual					9222-D	
FEC.STREP.	Fecal Streptococcus Group Bacteria Acceptable Range	#/100ml 0.00000 - 100,000.00000 #/100ml	Total	Actual					9222-D	
T. COL.	Total Coliform Acceptable Range	#/100ml 0.00000 - 100,000.00000 #/100ml	Total	Actual					9223-B	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
DEPTH	Depth of Sampling Site	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NA	Depth	m		Actual					FIELD MEASURES	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
F1AIR	General Weather Obs	Field Msr/Obs	Air				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AIR T152	Temperature, air	deg C	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FA0-0	Field msr/obs blank blank	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19	Velocity - stream	ft/sec		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 14.00000 None							MEASURES	
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
30	Depth	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 m								
31	Depth, Secchi Disk Depth	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 m								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FA00-0	Field Msr/Obs Blank Blank Blan	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
24	Temperature, water	deg C		Actual					FIELD MEASURES	
25	pH	None	Total	Actual					FIELD MEASURES	
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
30	Depth	m		Actual					FIELD MEASURES	
31	Depth, Secchi Disk Depth	m		Actual					FIELD MEASURES	
32	Turbidity	NTU		Actual					FIELD MEASURES	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FA1-0	Field Msr/Obs Blank m	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
19	Velocity - stream	ft/sec		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FA100-0	Field Msr/Obs mee	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	mgd		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 mgd								
19	Velocity - stream	ft/sec		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA101-0	Field Msr/Obs mem	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	mgd		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 mgd								
19	Velocity - stream	ft/sec		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA110-0	Field Msr/Obs mm blank/e	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	mgd		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 mgd								
19	Velocity - stream	ft/sec		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA111-0	Field Msr/Obs mmm	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	mgd		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 mgd								
19	Velocity - stream	ft/sec		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA200-0	Field Msr/Obs gee	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	gal/min		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 gal/min								
19	Velocity - stream	ft/sec		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA201-0	Field Msr/Obs gem	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	gal/min		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 gal/min								
19	Velocity - stream	ft/sec		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA210-0	Field Msr/Obs gm blank/e	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	gal/min		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 gal/min								
19	Velocity - stream	ft/sec		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA211-0	Field Msr/Obs gmm	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	gal/min		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 gal/min								
19	Velocity - stream	ft/sec		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
FA300-0	Field Msr/Obs cee	Field Msr/Obs	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	cfs		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								
19	Velocity - stream	ft/sec		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
30	Depth	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 m								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
31	Depth, Secchi Disk Depth	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 20.00000 m								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FA301-0	Field Msr/Obs cem	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	cfs		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								
19	Velocity - stream	ft/sec		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ppt							MEASURES	
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 32.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FA310-0	Field Msr/Obs cm blank/e	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	cfs		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								
19	Velocity - stream	ft/sec		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
31	Depth, Secchi Disk Depth	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 20.00000 m								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FA311-0	Field Msr/Obs cmm	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
16	Flow	cfs		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								
19	Velocity - stream	ft/sec		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 ft/sec								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
21	Chlorine	mg/l	Total Residual	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 10.00000 mg/l								
24	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
25	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
26	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
27	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
28	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
29	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
32	Turbidity	NTU		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FISHGDIG	Mercury in Fish CVAA w/ Digest	Sample	Biological	Tissue			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
HG	Mercury	mg/kg	Total	Actual					245.6	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 mg/kg								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FISHLGWT	Fish length and weight	Sample	Biological	Individual			N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
LENGTH	Length, Total (Fish)	mm		Actual						
	Acceptable Range	50.00000 - 1,500.00000 mm								
WEIGHT	Weight	g		Actual						
	Acceptable Range	50.00000 - 20,000.00000 g								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOOD	flood results	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
COD	COD, Chemical Oxygen Demand	mg/l	Total	Actual					410.4	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
ECOLI	Escherichia coli	#/100ml	Total	Actual					COLILERT	
	Acceptable Range	0.00000 - 100,000.00000 #/100ml								
FECAL	Fecal Coliform	#/100ml	Total	Actual					9222-D	
	Acceptable Range	0.00000 - 100,000.00000 #/100ml								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOW	Flow only	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOW	Flow	cfs		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 cfs								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FLOWSLC	Flows by Salt Lake County	Field Msr/Obs	Water				N
	Citations	Division of Water Quality, 1996, Division of Water Quality Quality Assurance/Quality Control Manual, Division of Water Quality, 1					

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SLC	Flow	cfs		Actual					SLC FLOWS	
	Acceptable Range	0.00000 - 10,000.00000 cfs								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FM11	General Station Obs	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
2	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
3	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
4	Specific conductance	umho/cm	Total	Actual					FIELD MEASURES	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
5	Flow	mgd	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 mgd								
7	Chlorine	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 mg/l								
8	Temperature, air	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
CARBO56	Carbon dioxide	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 mg/l								
DEPTH57	Depth	m	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000.00000 m								
FLOW60	Flow	gal/min	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 gal/min								
FLOW61	Flow	cfs	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 cfs								
SECCH55	Depth, Secchi Disk Depth	m	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 m								
SPECI54	Specific gravity	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.50000 - 1.50000 None								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
FM12	Flow mgd estimated	Field Msr/Obs	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A	Flow	mgd		Estimated					FIELD MEASURES	
Acceptable Range		0.00000 - 1,000,000.00000 mgd								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
FM21	Flow gpm Measured	Field Msr/Obs	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A	Flow	gal/min		Actual					FIELD MEASURES	
Acceptable Range		0.00000 - 1,000,000.00000 gal/min								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
FM22	flow gpm estimated	Field Msr/Obs	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A	Flow	gal/min		Estimated					FIELD MEASURES	
Acceptable Range		0.00000 - 1,000,000.00000 gal/min								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
FM31	flow cfs measred	Field Msr/Obs	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOWC63	Flow	cfs		Actual					FIELD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
FM32	flow cfs estimated	Field Msr/Obs	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLOWC63E	Flow	cfs		Estimated					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								
Group ID	Group Name	Field Activity	Medium	Intent	Community			Result Group		Habitat
FN4	FN4	Sample	Water							N
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
28	Nitrogen, ammonia as N	mg/l	Dissolved	Actual					350.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								
A	Carbon, Total Organic (Toc)	mg/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
DIS. 151	Phosphorus as P	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
NO2+N299	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
NO2, 306	Nitrogen, Nitrite (NO2) as NO2	mg/l	Dissolved	Actual					GENERIC METHOD2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
NO3, 305	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
OPO4,304	Phosphorus, orthophosphate as P	mg/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GRAYBUGS	Macroinvertebrates by Gray Lab	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
273	Callibaetis		count	Actual		9	GC	
286	Caenis		count	Actual			GC	
350	Ischnura		count	Actual			PR	
431	Oecetis		count	Actual			PR	
432	Ylodes		count	Actual			SH	
	Acarina							
	Aeshna californica							
	Corisella inscripta							
	Erythemis collocata							
	Hesperocorixa laevigata							
	Tamea lacerata							
	Trichocorixa verticalis							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
GRAYHAB	summary stats from grays lab	Field Msr/Obs					Y

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Hilsenhoff Biotic Index			Actual						
NUMBER	Macroinvertebrates	count		Actual						
	Acceptable Range	0.00000 - 10,000.00000 count								
	Abietylamine									
	Daconil									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
J0	J0	Sample	Soil				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
T-ARS535	Arsenic	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-BAR536	Barium	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-CAD537	Cadmium	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-CHR538	Chromium	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-COP540	Copper	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-IRO541	Iron	ppm	Total	Actual					GENERIC METHOD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-LEA542	Lead	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-MAN543	Manganese	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-MER546	Mercury	ppm	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-SEL547	Selenium	ppm	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-SIL548	Silver	ppm	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ppm								
T-ZIN549	Zinc	ppm	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ppm								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
JUNK	junk	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Uranium									
	Nickel									
	Mercury									
	Iron									
	Arsenic									

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Barium									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LAKEPRO	Lake Profile Char Group	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
2	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
3	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 umho/cm								
4	Salinity	ppt	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 ppt								
5	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
6	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
7	Depth	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 400.00000 m								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LAKEPRO2	Lake profile char group	Data Logger	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
2	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
3	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100,000.00000 umho/cm								
4	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 200.00000 %								
5	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
6	Depth, data-logger (ported)	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 400.00000 m								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LGSLPRO	Great Salt Lake profile	Data Logger	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
2	pH	None	Total	Actual					FIELD MEASURES	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 14.00000 None								
3	Specific conductance	umho/cm	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
4	Depth, data-logger (ported)	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 500.00000 m								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
LGSLPRO2	Great Salt Lake profile w/ DO	Data Logger	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
2	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	1.00000 - 14.00000 None								
3	Specific conductance	umho/cm		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 1,000,000.00000 umho/cm								
4	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
5	Depth, data-logger (ported)	m		Actual					FIELD MEASURES	
	Acceptable Range	1.00000 - 100.00000 m								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
LGSLPRO3	GSL proofiel w/ DO w/o Sp. Con	Data Logger	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 deg C								
2	pH	None	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 14.00000 None								
3	Dissolved oxygen saturation	%	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 150.00000 %								
4	Dissolved oxygen (DO)	mg/l	Total	Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 25.00000 mg/l								
5	Depth, data-logger (ported)	m		Actual					FIELD MEASURES	
	Acceptable Range	0.00000 - 100.00000 m								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
M3	M3	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A	Iron	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000 ug/l								
ALUMI19	Aluminum	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
ARSEN393	Arsenic	ug/l	Dissolved	Actual					GENERIC METHOD	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
BARIU394	Barium	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
BERYL25	Beryllium	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
BORON395	Boron	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
CADMI396	Cadmium	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
CHROM398	Chromium	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
CHROM399	Chromium, hexavalent	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
COBAL31	Cobalt	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
COPPE400	Copper	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
D-ANT270	Antimony	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
D-MER301	Mercury	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
D-THA554	Thallium	ug/l	Dissolved	Actual					GENERIC METHOD2	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
GOLD35	Gold	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
LEAD402	Lead	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
MANGA404	Manganese	ug/l	Dissolved	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
MOLYB36	Molybdenum	ug/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
NICKE405	Nickel	ug/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
SELEN407	Selenium	ug/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
SILVE408	Silver	ug/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
VANAD42	Vanadium	ug/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
ZINC410	Zinc	ug/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
M5	M5	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
H+ALU478	Aluminum	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+ANT271	Antimony	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+ARS479	Arsenic	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+BAR480	Barium	mg/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
H+BER481	Beryllium	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+BOR320	Boron	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+CAD482	Cadmium	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+CHR483	Chromium	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+COB484	Cobalt	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+COP485	Copper	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+GOL486	Gold	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
H+IRO487	Iron	mg/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
H+LEA488	Lead	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+MAN489	Manganese	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+MER490	Mercury	ug/l	Acid Soluble	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
H+MOL491	Molybdenum	ug/l	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+NIC492	Nickel	ug/l	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+SEL493	Selenium	ug/l	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+SIL494	Silver	ug/l	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
H+THA267	Thallium	ug/l	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
H+URA495	Uranium	pCi/L	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
H+VAN496	Vanadium	ug/l	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
H+ZIN497	Zinc	ug/l	Acid Soluble	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
M7	M7	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALUMI43	Aluminum	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
ARSEN44	Arsenic	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
BARIU45	Barium	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
BERYL46	Beryllium	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
CADMI47	Cadmium	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
CHROM48	Chromium	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
COBAL49	Cobalt	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-ANT526	Antimony	ug/l	Total	Actual					GENERIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								METHOD
T-BOR522	Boron	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-CAL321	Calcium	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
T-COP504	Copper	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-GOL505	Gold	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-IRO506	Iron	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
T-LEA508	Lead	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-MAG322	Magnesium	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
T-MAN511	Manganese	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-MER512	Mercury	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-MOL513	Molybdenum	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-NIC514	Nickel	ug/l	Total	Actual					GENERIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-POT323	Potassium	mg/l	Total	Actual					METHOD2	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
T-SEL515	Selenium	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-SIL516	Silver	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-SOD324	Sodium	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 1,000,000.00000 mg/l								
T-THA531	Thallium	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-VAN520	Vanadium	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								
T-ZIN519	Zinc	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MACLIST	Macroinvertebrate first list	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acarina							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Antocha							
	Arctopsyche							
	Atherix							
	Baetidae							
	Blephariceridae							
	Brachycentrus							
	Chironomidae							
	Chloroperlidae							
	Cultus							
	Elmidae							
	Empididae							
	Ephemerella doddsi							
	Ephemerella grandis							
	Ephemerella inermis							
	Hexatoma							
	Hydropsyche							
	Limnephilidae							
	Micrasema							
	Nematoda							
	Neothremma							
	Oligochaeta							
	Paraleptophlebia							
	Plecoptera							
	Pteronarcella							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Rhithrogena							
	Rhyacophila							
	Zapada							
	Limnogale mergulus							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MACLIST1	First Macro list	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Acarina							
	Antocha							
	Atherix							
	Baetidae							
	Brachycentrus							
	Chironomidae							
	Chloroperlidae							
	Elmidae							
	Ephemerella doddsi							
	Ephemerella grandis							
	Ephemerella inermis							
	Hydropsyche							
	Limnephilidae							

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
	Plecoptera							
	Pteronarcella							
	Rhithrogena							

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NA	NA	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
AMMON609	Nitrogen, ammonia (NH3) as NH3	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
BENOM248	Benomyl	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
BROMI610	Bromide	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
CAPTA239	Captan	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
CHLOR611	Chloride	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
CO 60607	Cobalt-60	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 pCi/L								
COUMA215	Coumaphos	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CYCLO233	Cycloate	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
DALAP238	Dichloropropionic acid, 2,2- ***retired*** (use Dalapon)	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
DICHL220	Dichlorovos (DDVP)	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
DICOF208	Dicofol	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
DIURO230	Diuron	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
DUM4	Propylene glycol allyl ether	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
ETHIO223	Ethion	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
ETHYL204	Ethylene glycol	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
ETHYL211	Azinphos-ethyl	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
FENSU219	Fensulfothion	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
FENTH216	Fenthion	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
FLUOR612	Fluorides	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
GLYPH240	Glyphosate (Roundup)	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
ISOPR205	Isopropyl alcohol	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
MANEB246	Maneb	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
METHY241	Methyl bromide	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
METHY242	Methyl chloride	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
MIREX210	Mirex	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
MONUR231	Monuron	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
NITRO235	Nitrofen	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
PERCH209	Hexachlorobenzene	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
PHORA217	Phorate	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHOSA214	Phosalone	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
PROME244	Prometryn	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
PRONA227	Pronamide	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
PROPA245	Propazine	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
PROPO247	Propoxur	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
RONNE222	Ronnel	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
TERBA243	Terbacil	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
TERBU236	Terbutryn	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
TRANS92	trans-1,2-Dichloroethylene	ug/l	Total	Estimated					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
NA0	NA0	Sample	Water				N

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
2,4-D528	2,4-DB, Dichlorophenoxybutyric acid	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
BENZO295	Benzo[a]pyrene	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
DACTH533	Dacthal	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
ETHYL32	Parathion	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
PICLO545	Picloram	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
S-THM275	Trihalomethanes (unspecified mix)	ug/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 ug/l								
SULFU509	Sulfur	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PERIGROU	Periphyton Group summary	Sample	Biological	Taxon Abundance	Periphyton	Single Taxon Group Summary	N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SPRDN	Species Relative Density	%		Actual						
SPRNK	Species Rank	None		Actual						

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PERIPHYT	Diatom periphyton group	Sample	Biological	Taxon Abundance	Periphyton	Multi-Taxon Population Census	N

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PERISAM1	Periphyton analyses by Sam Rus	Field Msr/Obs					Y

Row ID	Characteristic Name	Description
1	Anabaena Species	
10	Chroococcus Species	
11	Cladophora glomerata	
12	Cladophora species	
13	Closteriopsis longissima	
14	Closteriopsis species	
15	Closterium ehrenbergii	
16	Closterium species 1	
17	Closterium species 2	
18	Cosmarium species 1	
19	Cosmarium species 2	
2	Asterionella formosa	
20	Crucigenia species	
21	Bacillariophyta centric diatom	
22	Bacillariophyta pennate diatom	
23	Enteromorpha intestinalis	
24	Euastrum species	
25	Euglena species	
26	Hydrurus foetidus	
27	Lagerheimia ciliata	
28	Merismopedia species	

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Row ID	Characteristic Name	Description
29	Microcystis uncerta	
3	Audouinella violacea	
30	Microspora species	
31	Mougeotia species	
32	Nostoc species	
33	Oedogonium species	
34	Oocystis species	
35	Oscillatoria agardhii	
36	Oscillatoria amphibia	
37	Oscillatoria princeps	
38	Oscillatoria species 1	
39	Oscillatoria species 2	
4	Beggiatoa species 1	
40	Oscillatoria species 3	
41	Pandorina morum	
42	Pediastrum duplex	
43	Phacus species	
44	Phormidium incrustatum	
45	Phormidium inundatum	
46	Phormidium species	
47	Pteromonas species	
48	Scenedesmus quadricauda	
49	Scenedesmus quadarec-longispin	Scenedesmus quadarecauda longispina
5	Beggiatoa species 2	
50	Scenedesmus species	
51	Schroederia setigera	
52	Selenastrum species	

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Row ID	Characteristic Name	Description
53	Sphaerocystis schroeteri	
54	Spyrogyra species 1	
55	Spyrogyra species 2	
56	Spyrogyra species 3	
57	Staurastrum gracile	
58	Stigeoclonium polymorphum	
59	Stigeoclonium stagnatile	
6	Calothrix species	
60	Stigeoclonium species 1	
61	Stigeoclonium species 2	
62	Tetraedron Species	
63	Ulothrix aequalis	
64	Ulothrix cylindrica	
65	Ulothrix zonata	
66	Ulothrix species 1	
67	Ulothrix species 2	
68	Ulothrix species 3	
69	Cynaophyta filamentous	
7	Chamaesiphon incrustans	
70	Chlorophyta spherical	
71	Vaucheria species	
72	Zygnema species	
73	Aphanizomenon flosaquae	
74	Fragilaria virescens	
75	Melosira varians	
76	Schizothrix species	
77	Spirulina species	

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Row ID	Characteristic Name	Description
78	Mallomonas species	
79	Chrysocapsa planktonica	
8	Chamaesiphon species	
80	Anabaena flosaquae	
81	Ankistrodesmus falcatus	
82	Phormidium species 2	
83	Microcystis aeruginosa	
84	Stigeoclonium tenue	
85	Audouinella violacia	
86	Rivularia species	
87	Ankistrodesmus species	
88	Lyngbya species	
89	Tolypothrix species	
9	Chlamydomonas species	
90	Scenedesmus species 2	
91	Trachelomonas species	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PERMARK1	Biomass by USU	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Biomass, periphyton	mg/m2		Actual		Ash-Free Dry			10300-C	
	Acceptable Range	0.00000 - 10,000.00000 mg/m2								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHGRPSUM	Phytoplankton group summary	Sample	Biological	Taxon Abundance	Phytoplankton/Zooplankton	Single Taxon Group Summary	N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Cell Volume	um3/l		Calculated					10200-F	
2	Species Rank	None		Calculated					10200-F	
	Acceptable Range	0.00000 - 100,000.00000 None								
3	Species Relative Density	% by vol		Calculated					10200-F	
	Acceptable Range	0.00000 - 100,000.00000 % by vol								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYTO1	Phytoplankton Species List	Sample	Biological	Taxon Abundance	Phytoplankton/Zooplankton	Multi-Taxon Population Census	N

Citations American Public Health Association, 1998, Standard Methods for the Examination of Water and Wastewater, 20th Edition.,
American Public Health Association, 20th Edition

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1	Bacillariophyta	sp.1	#/l	Calculated	Mean			
10	Melosira distans		#/l	Calculated	Mean			
100	Aphanocapsa delicatissima		#/l	Calculated	Mean			
101	Chroococcus	sp.1	#/l	Calculated	Mean			
102	Chroococcus limneticus		#/l	Calculated	Mean			
103	Chroococcus turgidus		#/l	Calculated	Mean			
104	Coelosphaerium		#/l	Calculated	Mean			
105	Coelosphaerium naegelianum		#/l	Calculated	Mean			
106	Gomphosphaeria	sp.1	#/l	Calculated	Mean			
107	Gomphosphaeria aponina		#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
108	Gomphosphaeria lacustris		#/l	Calculated	Mean			
109	Lyngbya birgei		#/l	Calculated	Mean			
11	Melosira granulata		#/l	Calculated	Mean			
110	Merismopedia	sp.1	#/l	Calculated	Mean			
111	Merismopedia glauca		#/l	Calculated	Mean			
112	Microcystis		#/l	Calculated	Mean			
113	Microcystis aeruginosa		#/l	Calculated	Mean			
114	Microcystis incerta		#/l	Calculated	Mean			
115	Microspora		#/l	Calculated	Mean			
116	Oscillatoria	sp.1	#/l	Calculated	Mean			
117	Oscillatoria	sp.2	#/l	Calculated	Mean			
118	Oscillatoria limnetica		#/l	Calculated	Mean			
119	Phormidium	sp.1	#/l	Calculated	Mean			
12	Melosira granulata var. angustissima		#/l	Calculated	Mean			
120	Spirulina	sp.1	#/l	Calculated	Mean			
121	Euglenophycota		#/l	Calculated	Mean			
122	Euglena	sp.1	#/l	Calculated	Mean			
123	Euglena gracilis		#/l	Estimated	Mean			
124	Lepocinclis		#/l	Calculated	Mean			
125	Phacus	sp.1	#/l	Calculated	Mean			
126	Trachelomonas	sp.1	#/l	Calculated	Mean			
127	Pyrrophyphyta		#/l	Calculated	Mean			
128	Ceratium hirundinella		#/l	Calculated	Mean			
129	Peridinium	sp.1	#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
13	Melosira varians		#/l	Calculated	Mean			
131	Chlorophyta	sp.3	#/l	Calculated	Mean			
132	Anabaena circinalis		#/l	Calculated	Mean			
133	Dictyosphaerium ehrenbergianum		#/l	Calculated	Mean			
134	Scenedesmus quadricauda quadrispina		#/l	Calculated	Mean			
135	Arthrodesmus		#/l	Calculated	Mean			
136	Dinobryon		#/l	Calculated	Mean			
137	Chrysophyta	sp.2	#/l	Calculated	Mean			
138	Crucigenia irregularis		#/l	Calculated	Mean			
139	Tetraedron minimum		#/l	Calculated	Mean			
14	Stephanodiscus niagarae		#/l	Calculated	Mean			
140	Spondylosium		#/l	Calculated	Mean			
141	Closterium ehrenbergii		#/l	Calculated	Mean			
142	Kirchneriella		#/l	Calculated	Mean			
143	Rhizochrysis		#/l	Calculated	Mean			
144	Gloeotrichia echinulata		#/l	Calculated	Mean			
145	Ankyra judai		#/l	Calculated	Mean			
146	Tetraedron	sp.1	#/l	Calculated	Mean			
147	Bacillariophyta	sp.3	#/l	Calculated	Mean			
148	Aphanothece		#/l	Calculated	Mean			
149	Chrysophyta	sp.3	#/l	Calculated	Mean			
15	Synedra		#/l	Calculated	Mean			
150	Scenedesmus bijuga		#/l	Calculated	Mean			
151	Chlorophyta	sp.4	#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
152	Merismopedia tenuissima		#/l	Calculated	Mean			
153	Dunaliella salina		#/l	Calculated	Mean			
154	Dunaliella		#/l	Calculated	Mean			
155	Euglena	sp.2	#/l	Calculated	Mean			
156	Chlorophyta	sp.5	#/l	Calculated	Mean			
157	Oscillatoria princeps		#/l	Calculated	Mean			
158	Ankistrodesmus falcatus		#/l	Calculated	Mean			
159	Calothrix	sp.1	#/l	Calculated	Mean			
16	Tabellaria		#/l	Calculated	Mean			
160	Crucigenia	sp.2	#/l	Calculated	Mean			
161	Peridinium cinctum		#/l	Calculated	Mean			
162	Oocystis borgei		#/l	Calculated	Mean			
163	Aphanizomenon flosaquae		#/l	Calculated	Mean			
164	Chrysophyta	sp.4	#/l	Calculated	Mean			
165	Microcystis incerta		#/l	Calculated	Mean			
166	Bacillariophyta	sp.4	#/l	Calculated	Mean			
167	Gloeobotrys		#/l	Calculated	Mean			
168	Oedogonium	sp.1	#/l	Calculated	Mean			
169	Characiopsis cylindrica		#/l	Calculated	Mean			
17	Tabellaria fenestrata		#/l	Calculated	Mean			
170	Planktosphaeria gelatinosa		#/l	Calculated	Mean			
171	Pediastrum duplex gracillimum		#/l	Calculated	Mean			
172	Oscillatoria agardhii		#/l	Calculated	Mean			
173	Crucigenia quadrata		#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
174	Crucigenia tetrapedia		#/l	Calculated	Mean			
175	Oscillatoria amphibia		#/l	Calculated	Mean			
176	Lagerheimiella	sp.1	#/l	Calculated	Mean			
177	Stichococcus bacillaris		#/l	Calculated	Mean			
178	Franceia droescheri		#/l	Calculated	Mean			
179	Lagerheimia ciliata		#/l	Calculated	Mean			
18	Chlorophyta	sp.1	#/l	Calculated	Mean			
180	Cosmarium	sp.2	#/l	Calculated	Mean			
181	Beggiatoales	sp.1	#/l	Calculated	Mean			
182	Gloeotrichia	sp.1	#/l	Calculated	Mean			
183	Volvox	sp.1	#/l	Calculated	Mean			
184	Diatoma tenue		#/l	Calculated	Mean			
185	Gloeotrichia	sp.1	#/l	Calculated	Mean			
186	Lyngbya	sp.1	#/l	Calculated	Mean			
187	Gonatozygon	sp.1	#/l	Calculated	Mean			
188	Nostoc	sp.1	#/l	Calculated	Mean			
19	Chlorophyta	sp.2	#/l	Calculated	Mean			
2	Bacillariophyta	sp.2	#/l	Calculated	Mean			
20	Actinastrum gracillimum		#/l	Calculated	Mean			
21	Ankistrodesmus falcatus		#/l	Calculated	Mean			
22	Ankistrodesmus spiralis		#/l	Calculated	Mean			
23	Ankyra	sp.1	#/l	Calculated	Mean			
24	Botryococcus	sp.1	#/l	Calculated	Mean			
25	Botryococcus braunii		#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
26	Botryococcus sudeticus		#/l	Calculated	Mean			
27	Characium		#/l	Calculated	Mean			
28	Chlamydomonas	sp.1	#/l	Calculated	Mean			
29	Chlamydomonas	sp.2	#/l	Calculated	Mean			
3	Asterionella formosa		#/l	Calculated	Mean			
30	Chlamydomonas globosa		#/l	Calculated	Mean			
31	Chlorella		#/l	Calculated	Mean			
32	Closteriopsis longissima		#/l	Calculated	Mean			
33	Closteriopsis longissima tropica		#/l	Calculated	Mean			
34	Closterium	sp.1	#/l	Calculated	Mean			
35	Coelastrum		#/l	Calculated	Mean			
36	Coelastrum microporum		#/l	Calculated	Mean			
37	Cosmarium	sp.1	#/l	Calculated	Mean			
38	Crucigenia	sp.1	#/l	Calculated	Mean			
39	Crucigenia retangularis		#/l	Calculated	Mean			
4	Asterococcus		#/l	Calculated	Mean			
40	Dictyosphaerium		#/l	Calculated	Mean			
41	Euastrum	sp.1	#/l	Calculated	Mean			
42	Eudorina elegans		#/l	Calculated	Mean			
43	Gloeocystis		#/l	Calculated	Mean			
44	Micrasterias		#/l	Calculated	Mean			
45	Mougeotia	sp.1	#/l	Calculated	Mean			
46	Nephrocytium limneticum		#/l	Calculated	Mean			
47	Oocystis	sp.1	#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
48	Oocystis	sp.2	#/l	Calculated	Mean			
49	Oocystis borgei		#/l	Calculated	Mean			
5	Cyclotella		#/l	Calculated	Mean			
50	Oocystis gigas		#/l	Calculated	Mean			
51	Pandorina morum		#/l	Calculated	Mean			
52	Pediastrum	sp.1	#/l	Calculated	Mean			
53	Pediastrum duplex		#/l	Calculated	Mean			
54	Pediastrum duplex clathratum		#/l	Calculated	Mean			
55	Phacotus	sp.1	#/l	Calculated	Mean			
56	Pleodorina illinoisensis		#/l	Calculated	Mean			
57	Pteromonas	sp.1	#/l	Calculated	Mean			
58	Quadrigula	sp.1	#/l	Calculated	Mean			
59	Quadrigula chodati		#/l	Calculated	Mean			
6	Fragilaria		#/l	Calculated	Mean			
60	Quadrigula lacustris		#/l	Calculated	Mean			
61	Scenedesmus	sp.1	#/l	Calculated	Mean			
62	Scenedesmus bijuga		#/l	Calculated	Mean			
63	Scenedesmus dimorphus		#/l	Calculated	Mean			
64	Scenedesmus incrassatulus		#/l	Calculated	Mean			
65	Scenedesmus quadricauda		#/l	Calculated	Mean			
66	Scenedesmus	sp.2	#/l	Calculated	Mean			
67	Schroederia setigera		#/l	Calculated	Mean			
68	Schroederia judayi		#/l	Calculated	Mean			
69	Sphaerocystis schroeteri		#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
7	Fragilaria crotonensis		#/l	Calculated	Mean			
70	Sphaerososma		#/l	Calculated	Mean			
71	Spirogyra	sp.1	#/l	Calculated	Mean			
72	Staurastrum	sp.1	#/l	Calculated	Mean			
73	Staurastrum	sp.2	#/l	Calculated	Mean			
74	Staurastrum gracile		#/l	Calculated	Mean			
75	Tetraspora		#/l	Calculated	Mean			
76	Volvox aureus		#/l	Calculated	Mean			
77	Wislouchiella planctonica		#/l	Calculated	Mean			
78	Zygnema		#/l	Calculated	Mean			
79	Chrysophyta	sp.1	#/l	Calculated	Mean			
8	Fragilaria virescens		#/l	Calculated	Mean			
80	Chrysocapsa planktonica		#/l	Calculated	Mean			
81	Dinobryon bavaricum		#/l	Calculated	Mean			
82	Dinobryon divergens		#/l	Calculated	Mean			
83	Gloeobotrys limneticus		#/l	Calculated	Mean			
84	Mallomonas		#/l	Calculated	Mean			
85	Mallomonas acaroides		#/l	Calculated	Mean			
86	Mallomonas acaroides noskovensis		#/l	Calculated	Mean			
87	Rhizochrysis limnetica		#/l	Calculated	Mean			
88	Stipitococcus		#/l	Calculated	Mean			
89	Tribonema bombycinum		#/l	Calculated	Mean			
9	Melosira		#/l	Calculated	Mean			
90	Uroglenopsis		#/l	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
91	Cyanophycota	sp.1	#/l	Calculated	Mean			
92	Cyanophycota	sp.2	#/l	Calculated	Mean			
93	Anabaena	sp.1	#/l	Calculated	Mean			
94	Anabaena flosaquae		#/l	Calculated	Mean			
95	Anabaena spiroides		#/l	Calculated	Mean			
96	Anabaena spiroides crassa		#/l	Calculated	Mean			
97	Anacystis	sp.1	#/l	Calculated	Mean			
98	Aphanizomenon flosaquae		#/l	Calculated	Mean			
99	Aphanocapsa		#/l	Calculated	Mean			

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
PHYTO2	Phytoplanton Species list 2	Sample	Biological	Taxon Abundance	Phytoplankton/Zooplankton	Multi-Taxon Population Census	N

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
1	Bacillariophyta	sp.1	#/l	Calculated	Mean			
114	Microcystis incerta		#/l	Calculated	Mean			
167	Gloeobotrys		#/l	Calculated	Mean			
2	Bacillariophyta	sp.2	#/l	Calculated	Mean			
50	Oocystis gigas		#/l	Calculated	Mean			
74	Staurastrum gracile		#/l	Calculated	Mean			
94	Anabaena flosaquae		#/l	Calculated	Mean			
	Spirulina							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
PHYTOHAB	Phytohab	Field Msr/Obs					Y			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NS	Population diversity, phytoplankton, # of species	count		Calculated					10200-F	
	Acceptable Range	0.00000 - 100.00000 count								
SWI	Taxonomic Diversity, Shannon-Weaver Index	None		Calculated					10200-F	
	Acceptable Range	0.00000 - 100.00000 None								
TE	Taxonomic Evenness	None		Calculated					10200-F	
	Acceptable Range	0.00000 - 100.00000 None								
TR	Taxonomic Richness	None		Calculated					10200-F	
	Acceptable Range	0.00000 - 100.00000 None								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
R6D	R6D	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A1	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 pCi/L								
A2	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 pCi/L								
A3	Radium-226	pCi/L	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 pCi/L								
A4	Radium-228	pCi/L	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 pCi/L								
A5	Uranium	pCi/L	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 pCi/L								

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat			
R6T	R6T	Sample	Water				N			
Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
134 C3	Cesium-134	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
226 R501	Radium-226	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
228 R502	Radium-228	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
90 SR503	Strontium-90	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
ALPHA498	Gross alpha radioactivity, (Thorium-230 ref std)	pCi/L	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
BETA499	Gross beta radioactivity, (Cesium-137 ref std)	pCi/L	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
CESIU4	Cesium-137	pCi/L	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
IODIN2	Iodine-131	pCi/L	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
RADON523	Radon-222	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 pCi/L								
STRON1	Strontium-89	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 pCi/L								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
T-URA517	Uranium	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 pCi/L								
TRITI500	Tritium	pCi/L	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 pCi/L								
URANI38	Uranium	ug/l	Dissolved	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
ROTONONE	Rotenone & Rotenolone	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A	Rotenone	ug/l	Total	Actual						
	Acceptable Range	0.00000 - 1,000,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
SLCO	JRTMDL lab defaults	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
40 CFR 141.21	Escherichia	#/100ml	Total	Actual					COLILERT	
	Acceptable Range	0.00000 - 100,000.00000 #/100ml								
EPA 160.1	Solids, Dissolved	mg/l	Total	Actual					160.1	
	Acceptable Range	0.00000 - 50,000.00000 mg/l								
EPA 160.2	Solids, Total Suspended (TSS)	mg/l	Total	Actual					160.2	
	Acceptable Range	0.00000 - 500.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
EPA 365.3	Phosphorus as P Acceptable Range	mg/l	Total	Actual					365.3	
SM 5210	BOD, Biochemical oxygen demand Acceptable Range	mg/l	Total	Actual			5 Day	25 Deg C	5210-B	
SM 9222 B	Total Coliform Acceptable Range	#/100ml	Total	Actual					9222-B	
SM 9222 D	Fecal Coliform Acceptable Range	#/100ml	Total	Actual					9222-D	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
T2A	T2a	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
OIL A68	Oil and Grease Acceptable Range	mg/l	Total	Actual					GENERIC METHOD2	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
T2B	T2b	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
PHENO72	Phenols (mixture) Acceptable Range	mg/l	Total	Actual					GENERIC METHOD2	

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
T2C	T2c	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
SULFI73	Sulfide	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
T6	T6	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CHLOR10	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000.00000 ug/l								
CHLOR11	Chlorophyll-b	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000.00000 ug/l								
CHLOR12	Chlorophyll-c	ug/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 1,000.00000 ug/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UN2	UN2	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A	Carbon, Total Organic (Toc)	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CARBO69	Carbon, Total Organic (Toc)	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
COD70	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l	Total	Actual					GENERIC METHOD	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
NITRO66	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
NITRO67	Nitrogen, Kjeldahl	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UN3	UN3	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
28	Nitrogen, ammonia as N	mg/l	Total	Actual					350.1	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UN4	UN4	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
NITRA465	Nitrogen, Nitrate (NO3) as NO3	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
NITRI466	Nitrogen, Nitrite (NO2) as NO2	mg/l	Total	Actual					GENERIC	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
PHOS.467	Phosphorus, orthophosphate as P	mg/l	Total	Actual					METHOD2	
	Acceptable Range	0.00000 - 10,000.00000 mg/l								
T. PH470	Phosphorus as P	mg/l	Total	Actual					GENERIC METHOD2	
	Acceptable Range	0.00000 - 100,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
USGSFLOW	Flows from USGS	Field Msr/Obs	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
USGS	Flow	cfs		Actual					USGSFLOW	
	Acceptable Range	0.00000 - 1,000,000.00000 cfs								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
WEBERBUG	Bugs in the Weber	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations Fred Magnum, 19??, Fred Magnums Macroinvertabrate Taxon Abundance Method, Fred Magnum, ??

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Tolerance	Pollution	Functional Feeding Group	Trophic Level
1	Epeorus		#/m2	Calculated	Mean				
10	Baetis		#/m2	Calculated	Mean				
100	Chironomini		#/m2	Calculated	Mean				
101	Mayatrichia		#/m2	Calculated	Mean				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102	Rhyacophila vagrita		#/m2	Calculated	Mean			
103	Wormaldia		#/m2	Calculated	Mean			
104	Zaitzevia		#/m2	Calculated	Mean			
105	Decapoda		#/m2	Calculated	Mean			
106	Tanypodinae		#/m2	Calculated	Mean			
107	Perlodidae		#/m2	Calculated	Mean			
108	Skwala		#/m2	Calculated	Mean			
109	Blephariceridae		#/m2	Calculated	Mean			
11	Plecoptera		#/m2	Calculated	Mean			
110	Ephemerella grandis		#/m2	Calculated	Mean			
111	Euparyphus		#/m2	Calculated	Mean			
112	Ameletus		#/m2	Calculated	Mean			
113	Petrophila		#/m2	Calculated	Mean			
114	Ephemeroptera		#/m2	Calculated	Mean			
115	Tricorythodes		#/m2	Calculated	Mean			
12	Chloroperlidae		#/m2	Calculated	Mean			
13	Cultus		#/m2	Calculated	Mean			
14	Taenionema		#/m2	Calculated	Mean			
15	Pteronarcaella badia		#/m2	Calculated	Mean			
16	Capniidae		#/m2	Calculated	Mean			
17	Hesperophylax		#/m2	Calculated	Mean			
18	Perlidae		#/m2	Calculated	Mean			
19	Trichoptera		#/m2	Calculated	Mean			
2	Cinygmula		#/m2	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
20	Hydropsyche		#/m2	Calculated	Mean			
21	Cheumatopsyche		#/m2	Calculated	Mean			
22	Arctopsyche		#/m2	Calculated	Mean			
23	Arctopsyche grandis		#/m2	Calculated	Mean			
24	Brachycentrus		#/m2	Calculated	Mean			
25	Micrasema		#/m2	Calculated	Mean			
26	Rhyacophila		#/m2	Calculated	Mean			
27	Glossosoma		#/m2	Calculated	Mean			
28	Lepidostomatidae		#/m2	Calculated	Mean			
29	Hydroptilidae		#/m2	Calculated	Mean			
3	Rhithrogena		#/m2	Calculated	Mean			
30	Onocosmoecus		#/m2	Calculated	Mean			
31	Leptoceridae		#/m2	Calculated	Mean			
32	Elmidae		#/m2	Calculated	Mean			
33	Dytiscidae		#/m2	Calculated	Mean			
34	Hexatoma		#/m2	Calculated	Mean			
35	Simuliidae		#/m2	Calculated	Mean			
36	Chironomidae		#/m2	Calculated	Mean			
37	Empididae		#/m2	Calculated	Mean			
38	Ceratopogonidae		#/m2	Calculated	Mean			
39	Pericoma		#/m2	Calculated	Mean			
4	Heptagenia		#/m2	Calculated	Mean			
40	Atherix		#/m2	Calculated	Mean			
41	Nectopsyche		#/m2	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
42	Oligochaeta		#/m2	Calculated	Mean			
43	Acarina		#/m2	Calculated	Mean			
44	Hyalella azteca		#/m2	Calculated	Mean			
46	Dolichopodidae		#/m2	Calculated	Mean			
47	Isoperla		#/m2	Calculated	Mean			
48	Tinodes		#/m2	Calculated	Mean			
49	Diptera		#/m2	Calculated	Mean			
5	Drunella doddsi		#/m2	Calculated	Mean			
50	Ceraclea		#/m2	Calculated	Mean			
51	Copepoda		#/m2	Calculated	Mean			
52	Tricorythodes minutus		#/m2	Calculated	Mean			
53	Agrionidae		#/m2	Calculated	Mean			
54	Nematoda		#/m2	Calculated	Mean			
55	Ostracoda		#/m2	Calculated	Mean			
56	Physa		#/m2	Calculated	Mean			
57	Planaria		#/m2	Calculated	Mean			
58	Hirudinea		#/m2	Calculated	Mean			
59	Antocha monticola		#/m2	Calculated	Mean			
6	Ephemerella inermis		#/m2	Calculated	Mean			
60	Atopsyche		#/m2	Calculated	Mean			
61	Pteronarcys californica		#/m2	Calculated	Mean			
62	Claassenia sabulosa		#/m2	Calculated	Mean			
63	Oecetis		#/m2	Calculated	Mean			
64	Stenonema		#/m2	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
65	Pelecypoda		#/m2	Calculated	Mean			
66	Bezzia		#/m2	Calculated	Mean			
67	Polycentropus		#/m2	Calculated	Mean			
68	Helicopsyche borealis		#/m2	Calculated	Mean			
69	Brachycentrus occidentalis		#/m2	Calculated	Mean			
70	Asellus		#/m2	Calculated	Mean			
71	Erpobdella		#/m2	Calculated	Mean			
72	Gammarus		#/m2	Calculated	Mean			
73	Rhyacophila coloradensis		#/m2	Calculated	Mean			
74	Psychomyia		#/m2	Calculated	Mean			
75	Hemerodromia		#/m2	Calculated	Mean			
76	Lumbricidae		#/m2	Calculated	Mean			
77	Lepidostoma		#/m2	Calculated	Mean			
78	Hydropsychidae		#/m2	Calculated	Mean			
79	Lymnaeidae		#/m2	Calculated	Mean			
8	Drunella coloradensis		#/m2	Calculated	Mean			
80	Helobdella		#/m2	Calculated	Mean			
81	Ophiogomphus		#/m2	Calculated	Mean			
82	Leptohyphes		#/m2	Calculated	Mean			
83	Hesperoperla pacifica		#/m2	Calculated	Mean			
84	Gastropoda		#/m2	Calculated	Mean			
85	Coenagrionidae		#/m2	Calculated	Mean			
86	Hydroptila		#/m2	Calculated	Mean			
87	Argia		#/m2	Calculated	Mean			

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
88	Limnephilidae		#/m2	Calculated	Mean			
89	Planorbidae		#/m2	Calculated	Mean			
9	Paraleptophlebia		#/m2	Calculated	Mean			
90	Optioservus		#/m2	Calculated	Mean			
91	Drunella grandis		#/m2	Calculated	Mean			
92	Leucotrichia		#/m2	Calculated	Mean			
93	Brachycentrus americanus		#/m2	Calculated	Mean			
94	Orthoclaadiinae		#/m2	Calculated	Mean			
95	Chelifera		#/m2	Calculated	Mean			
96	Protoptila		#/m2	Calculated	Mean			
97	Tubificidae		#/m2	Calculated	Mean			
98	Margarita		#/m2	Calculated	Mean			
99	Cloeon		#/m2	Calculated	Mean			

Characteristic Group Details

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U_NH01

University of N H Center for Freshwater Biology (New Hampsh)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
UNHLLMP	UNH LLMP 01/01/1979 -	Sample	Water				N

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Depth, Secchi Disk Depth	m		Actual					LLMP-SECCHI	
2	Chlorophyll a, uncorrected for pheophytin	ug/l	Total	Actual					10200-H	
3	Color, True	None	Total	Actual					2120-B	
4	Phosphorus as P	mg/l	Total	Actual					4500-P-E	
5	Alkalinity, Total (total hydroxide+carbonate+bicarbonate)	mg/l	Total	Actual					SM 20 2320-B	

Characteristic Group Details

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WSSC

Water Sentinels Sierra Club (Epa Region 7)

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-001	general station observations	Field Msr/Obs	Water				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1
Description general conditions of water at site.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 100.00000 deg C								
2	Turbidity	NTU		Actual						
	Acceptable Range	0.00000 - 1,000.00000 NTU								
3	Specific conductance	mho/cm		Actual						
	Acceptable Range	0.00000 - 2,000.00000 mho/cm								
4	Velocity - stream	ft/sec		Actual						
	Acceptable Range	0.00000 - 100.00000 ft/sec								
5	Stream condition (text)									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-002	general atmospheric conditions	Field Msr/Obs	Air				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1
Description general atmospheric conditions

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	Temperature, air	deg C		Actual						
	Acceptable Range	0.00000 - 130.00000 deg C								
2	Cloud cover (choice list)									
3	Precipitation	cm		Actual						
	Acceptable Range	0.00000 - 1,000.00000 cm								
4	Relative humidity	%		Actual						
	Acceptable Range	0.00000 - 100.00000 %								

Characteristic Group Details

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WSSC Water Sentinels Sierra Club (Epa Region 7)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
5	Barometric pressure Acceptable Range	mm/Hg		Actual						
		1.00000 - 10,000.00000 mm/Hg								
6	Elevation, MSL Acceptable Range	m		Actual						
		0.00000 - 8,000.00000 m								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-003	water chemistry/ nutrients	Field Msr/Obs	Water				N

Description This group was created by saving the Characteristics defined for a particular Field Activity. Please update the fields as appropriate.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
1	pH Acceptable Range	None	Total	Actual						
		1.00000 - 14.00000 None								
2	Dissolved oxygen (DO) Acceptable Range	mg/l	Dissolved	Actual						
		0.00000 - 1,000.00000 mg/l								
3	Dissolved oxygen saturation Acceptable Range	%	Dissolved	Actual						
		0.00000 - 200.00000 %								
4	Nitrogen, ammonia (NH3) + ammonium (NH4) Acceptable Range	mg/l	Dissolved	Actual						
		0.00000 - 50.00000 mg/l								
5	Phosphorus as PO4 Acceptable Range	mg/l	Dissolved	Actual						
		0.00000 - 50.00000 mg/l								
6	Nitrogen, Nitrate (NO3) as NO3 Acceptable Range	mg/l	Dissolved	Actual						
		0.00000 - 100.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-004	macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1

Characteristic Group Details

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Water Sentinels Sierra Club (Epa Region 7)

Description measurement of stream health by macroinvert counts

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
CG-006A	Ephemera		count	Actual		LOW		
CG-006B	Odonata		count	Actual		MED		
CG-006C	Diptera		count	Actual		MED		
CG-006D	Decapoda		count	Actual		MED		
CG-006F	Amphipoda		count	Actual		MED		
CG-006G	Trichoptera		count	Actual		LOW		
CG-006H	Coleoptera		count	Actual		MED		
CG-006J	Cordyluridae		count	Actual		MED		
CG-006K	Isopoda		count	Actual		MED		
CG-006L	Zygoptera		count	Actual		MED		
CG-006M	Bivalvia		count	Actual		MED		
CG-006N	Oligochaeta		count	Actual		HIGH		
CG-006O	Hirudinidae		count	Actual		HIGH		
CG-006E	Plecoptera		count	Actual		LOW		
CG-006I	Gastropoda		count	Actual		HIGH		

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-007	streamflow	Field Msr/Obs	Water				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1
Description per streamteam manual

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CG-007	Flow	cfs		Actual						

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
	Acceptable Range	0.00000 - 100,000.00000 cfs									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-008	nutrients in water	Field Msr/Obs	Water				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1
Description field test for nutrients (nitrate/nitrite, ammonia, phosphates, etc)

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
CG-005A	Nitrogen, ammonia (NH3) + ammonium (NH4)	mg/l	Dissolved	Actual							
	Acceptable Range	0.00000 - 50.00000 mg/l									
CG-005B	Nitrogen, Nitrate (NO3) as NO3	mg/l	Dissolved	Actual							
	Acceptable Range	0.00000 - 100.00000 mg/l									
CG-005C	Phosphorus as PO4	mg/l	Dissolved	Actual							
	Acceptable Range	0.00000 - 10.00000 mg/l									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-009	pH	Field Msr/Obs	Water				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure	
CG-009A	pH	None	Total	Actual							
	Acceptable Range	1.00000 - 14.00000 None									

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-011	turbidity	Field Msr/Obs	Water				N

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Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CG-011A	Turbidity	NTU		Actual						
	Acceptable Range	0.00000 - 20.00000 NTU								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-012	Percent O2 saturation	Field Msr/Obs	Water				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1
Description DERIVED FROM WATER TEMPERATURE AND DO MEASUREMENT

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
A1	Dissolved oxygen saturation	%	Dissolved	Actual						
	Acceptable Range	0.00000 - 200.00000 %								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-013	dissolved oxygen	Field Msr/Obs	Water				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1
Description DO in water

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CG-013	Dissolved oxygen (DO)	mg/l	Dissolved	Actual						
	Acceptable Range	0.00000 - 1,000.00000 mg/l								

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-014	watertemp	Field Msr/Obs	Water				N

Citations MDC, MODNR and Conservation Federation of MO, 1996, volunteer water quality monitoring, same, 1

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
CG-003	Temperature, water	deg C		Actual						
	Acceptable Range	0.00000 - 100.00000	deg C							

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-CHEM	Water Chemistry	Sample	Water				N

Citations USEPA, 1983, Methods for Chemical Analysis of Water and Wastes, USEPA, EPA 600/4-79-020

Description IMPORTANT NOTE: For data from 1992 through 1997, when readings were below detectable limits, the given parameter was recorded as being HALF the detection limit. The detection limits for the given characteristics are included with the results.

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
ALK	Alkalinity, Carbonate as CaCO3	mg/l		Actual			14 Day		310.1	
AN	Ammonia, unionized	mg/l	Total	Actual			28 Day		350.1	
BOD	BOD, nitrogenous	mg/l		Actual			2 Day		405.1	
CA	Calcium	mg/l	Total	Actual			6 Month		215.1	
CD	Cadmium	mg/l	Total	Actual			6 Month		213.2	
CL	Chloride	mg/l	Total	Actual			28 Day		325.2	
COD	COD ***retired*** (use COD, Chemical Oxygen Demand)	mg/l		Actual			28 Day		410.4	
CU	Copper	mg/l	Total	Actual			6 Month		220.1	
FCB	Fecal Coliform	#/100ml		Calculated			24 Hours		FCB	
FE	Iron	mg/l	Total	Actual			6 Month		236.1	
MN	Manganese	mg/l	Total	Actual			6 Month		243.1	
NO3N	Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	mg/l	Total	Actual			28 Day		353.2	
NTU	Turbidity	NTU		Actual			2 Day		180.1	
O&G	Oil and Grease	mg/l	Total	Actual			28 Day		413.1	
PB	Lead	mg/l	Total	Actual			6 Month		239.2	
RA226	Radium-226	PCi/L	Total	Actual			6 Month		903.1	
SO4	Sulfur, sulfate (SO4) as SO4	mg/l	Total	Actual			28 Day		375.2	
TDS	Solids, Dissolved	mg/l		Actual			7 Day		160.1	
TH	Hardness, Ca + Mg	mg/l		Actual			6 Month		130.1	
TPHOS	Phosphorus as P	mg/l	Total	Actual			28 Day		365.3	
TRCL	Chlorine	mg/l	Total	Actual					330.5	

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Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
TSS	Solids, Total Suspended (TSS)	mg/l	Suspended	Actual			2 Day		160.2	
ZN	Zinc	mg/l	Total	Actual			6 Month		289.1	

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
CG-FLD	Field Parameters	Field Msr/Obs	Water				N

Citations King, K.W., 1993, A bioassessment method for use in Wyoming stream and river water quality monitoring (Draft)., Wyoming Department of Environmental Quality, Water Quality Division, 84 pages

Row ID	Characteristic Name	Unit	Sample Fraction	Value Type	Statistic Type	Weight Basis	Duration Basis	Temp Basis	Field/Lab Procedure	Lab Sample Prep. Procedure
DO	Dissolved oxygen (DO)	mg/l		Actual					360.1	
ECL	Specific conductance	umho/cm		Actual					120.1	
FLOW	Flow	cfs		Actual					FLOW	
PH	pH	None		Actual					150.1	
TEM	Temperature, water	deg C		Actual					170.1	
TRCL	Chlorine	mg/l	Total	Actual						

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MACRO-01	Benthic Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations King, K. W., 1998, A Bioassessment Method for Use in Wyoming stream and river water quality monitoring: Macroinvertebrates and Periphyton, Wyoming Department of Environmental Quality , Water Quality Division. Cheyenne, Wyoming., 1

Description IMPORTANT NOTE: Due to different levels of taxonomic detail between the Wyoming DEQ taxa list and the available taxa list employed by the STORET (ITIS list) database, modifications have been made. Contact the Wyoming DEQ for specific sample details.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100557	Cinygmula		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100632	Epeorus deceptivus		#/m2	Calculated				
100676	Leucrocuta		#/m2	Calculated				
100692	Nixe		#/m2	Calculated				
100713	Stenacron		#/m2	Calculated				
100713-2	Stenacron	sp.2	#/m2	Calculated				
100749	Raptoheptagenia		#/m2	Calculated				
100755	Baetidae		#/m2	Calculated				
100771	Pseudocloeon		#/m2	Calculated				
100800	Baetis		#/m2	Calculated				
100800-2	Baetis	sp.2	#/m2	Calculated				
100801	Acentrella		#/m2	Calculated				
100803	Baetis alius		#/m2	Calculated				
100817	Baetis tricaudatus		#/m2	Calculated				
100823	Baetis bicaudatus		#/m2	Calculated				
100835	Baetis flavistriga		#/m2	Calculated				
100873	Centroptilum		#/m2	Calculated				
100899	Paracloeodes		#/m2	Calculated				
100903	Callibaetis		#/m2	Calculated				
100953	Siphonurus		#/m2	Calculated				
100996	Ameletus		#/m2	Calculated				
101030	Lachlania		#/m2	Calculated				
101036	Homoeoneuria		#/m2	Calculated				
101041	Isonychia		#/m2	Calculated				
101074	Ametropus		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101096	Traverella		#/m2	Calculated				
101108	Choroterpes		#/m2	Calculated				
101226	Paraleptophlebia temporalis		#/m2	Calculated				
101232	Ephemerellidae		#/m2	Calculated				
101240	Ephemerella infrequens		#/m2	Calculated				
101251	Ephemerella alleni		#/m2	Calculated				
101255	Ephemerella aurivillii		#/m2	Calculated				
101338	Attenella		#/m2	Calculated				
101343	Attenella margarita		#/m2	Calculated				
101345	Attenella delantala		#/m2	Calculated				
101347	Caudatella		#/m2	Calculated				
101348	Caudatella hystrix		#/m2	Calculated				
101370-2	Drunella grandis		#/m2	Calculated				
101389	Drunella coloradensis		#/m2	Calculated				
101405-2	Tricorythodes	sp.2	#/m2	Calculated				
101405-3	Tricorythodes	sp.3	#/m2	Calculated				
101467	Caenidae		#/m2	Calculated				
101478	Caenis		#/m2	Calculated				
101494	Baetisca		#/m2	Calculated				
101570	Ephoron		#/m2	Calculated				
101596	Aeshnidae		#/m2	Calculated				
101603	Aeshna		#/m3	Calculated				
101665	Gomphus		#/m2	Calculated				
101797	Libellulidae		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101947	Somatochlora		#/m2	Calculated				
102042	Zygoptera		#/m2	Calculated				
102052	Calopteryx		#/m2	Calculated				
102061	Lestes		#/m2	Calculated				
102077	Coenagrionidae		#/m2	Calculated				
102093	Amphiagrion		#/m2	Calculated				
102102	Enallagma		#/m2	Calculated				
102139	Argia		#/m2	Calculated				
102526	Nemoura		#/m2	Calculated				
102540	Amphinemura		#/m2	Calculated				
102601	Zapada frigida		#/m2	Calculated				
102643	Capniidae		#/m2	Calculated				
102842	Despaxia augusta		#/m2	Calculated				
102917	Acroneuria		#/m2	Calculated				
102932	Claassenia sabulosa		#/m2	Calculated				
102986	Calineuria californica		#/m2	Calculated				
103094	Diura		#/m2	Calculated				
103096	Diura knowltoni		#/m2	Calculated				
103121	Doroneuria		#/m2	Calculated				
103122	Doroneuria theodora		#/m2	Calculated				
103137	Cultus		#/m2	Calculated				
103190	Rickera sorpta		#/m2	Calculated				
103202	Chloroperlidae		#/m2	Calculated				
103236	Kathroperla		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
103254	Suwallia		#/m2	Calculated				
103260	Haploperla		#/m2	Calculated				
103364	Corixidae		#/m2	Calculated				
103369	Sigara		#/m2	Calculated				
103423	Trichocorixa		#/m2	Calculated				
103444	Hesperocorixa		#/m2	Calculated				
103491	Palmacorixa		#/m2	Calculated				
103558	Notonecta		#/m2	Calculated				
103603	Neoplea		#/m2	Calculated				
103614	Ambrysus		#/m2	Calculated				
103684	Belostoma		#/m2	Calculated				
103709	Lethocerus americanus		#/m2	Calculated				
111857	Haliplidae		#/m2	Calculated				
111923	Peltodytes		#/m2	Calculated				
111947	Brychius		#/m2	Calculated				
111966	Agabus		#/m2	Calculated				
112200	Hygrotus		#/m2	Calculated				
112278	Laccophilus		#/m2	Calculated				
112314	Oreodytes		#/m2	Calculated				
112371	Coptotomus		#/m2	Calculated				
112379	Colymbetes		#/m2	Calculated				
112580	Liodessus		#/m2	Calculated				
112653	Gyrinidae		#/m2	Calculated				
112654	Gyrinus		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
112757	Hydraena		#/m2	Calculated				
112777	Ochthebius		#/m2	Calculated				
112812	Berosus		#/m2	Calculated				
112858	Laccobius		#/m2	Calculated				
112909	Paracymus		#/m2	Calculated				
112973	Enochrus		#/m2	Calculated				
113196	Hydrobius		#/m2	Calculated				
114137	Lara		#/m2	Calculated				
114164	Cleptelmis		#/m2	Calculated				
114166	Cleptelmis addenda		#/m2	Calculated				
115086	Climacia		#/m2	Calculated				
115111	Rhyacophila nevadensis		#/m2	Calculated				
115114-2	Rhyacophila pellisa		#/m2	Calculated				
115151	Rhyacophila brunnea		#/m2	Calculated				
115153	Rhyacophila blarina		#/m2	Calculated				
115156	Rhyacophila coloradensis		#/m2	Calculated				
115197	Rhyacophila vofixa		#/m2	Calculated				
115236	Culoptila		#/m2	Calculated				
115236-2	Culoptila	sp.2	#/m2	Calculated				
115257	Philopotamidae		#/m2	Calculated				
115273	Chimarra		#/m2	Calculated				
115319	Dolophilodes		#/m2	Calculated				
115408	Cheumatopsyche		#/m2	Calculated				
115530	Arctopsyche grandis		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115556	Parapsyche		#/m2	Calculated				
115563	Parapsyche almota		#/m2	Calculated				
115635	Agraylea		#/m2	Calculated				
115867	Phryganeidae		#/m2	Calculated				
115868	Ptilostomis		#/m2	Calculated				
115935	Apatania		#/m2	Calculated				
115956	Anabolia		#/m2	Calculated				
115995	Hydatophylax		#/m2	Calculated				
115998	Hydatophylax hesperus		#/m2	Calculated				
116018	Chyranda (Archaic)		#/m2	Calculated				
116253	Amphicosmoecus		#/m2	Calculated				
116265	Dicosmoecus		#/m2	Calculated				
116266	Dicosmoecus atripes		#/m2	Calculated				
116268	Dicosmoecus gilvipes		#/m2	Calculated				
116309	Grammotaulius		#/m2	Calculated				
116315	Onocosmoecus		#/m2	Calculated				
116409	Pycnopsyche		#/m2	Calculated				
116514	Marilia		#/m2	Calculated				
116547	Leptoceridae		#/m2	Calculated				
116565	Trienodes		#/m2	Calculated				
116598	Mystacides		#/m2	Calculated				
116684	Ceraclea		#/m2	Calculated				
116875	Lepidostoma pluviale		#/m2	Calculated				
116886	Lepidostoma cascadense		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116905	Brachycentridae		#/m2	Calculated				
116906	Brachycentrus		#/m2	Calculated				
116912	Brachycentrus americanus		#/m2	Calculated				
116918	Brachycentrus occidentalis		#/m2	Calculated				
116933	Amiocentrus		#/m2	Calculated				
116934	Amiocentrus		#/m2	Calculated				
117043	Polycentropodidae		#/m2	Calculated				
117120	Glossosomatidae		#/m2	Calculated				
117121	Agapetus		#/m2	Calculated				
117154	Anagapetus		#/m2	Calculated				
117741	Acentria		#/m2	Calculated				
118831	Diptera		#/m2	Calculated				
119656	Antocha		#/m2	Calculated				
120488	Cryptolabis		#/m2	Calculated				
120758	Molophilus		#/m2	Calculated				
121027	Dicranota		#/m2	Calculated				
121227	Blephariceridae		#/m2	Calculated				
121230	Agathon		#/m2	Calculated				
121250	Bibiocephala		#/m2	Calculated				
121255	Blepharicera		#/m2	Calculated				
121278	Philorus		#/m2	Calculated				
121287	Deuterophlebia		#/m2	Calculated				
121636	Mycetophilidae		#/m2	Calculated				
122975	Cecidomyiidae		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
125351	Psychodidae		#/m2	Calculated				
125531	Psychodidae		#/m2	Calculated				
125763	Ptychopteridae		#/m2	Calculated				
125799	Tanyderidae		#/m2	Calculated				
125802	Protanyderus		#/m2	Calculated				
125810	Dixa		#/m2	Calculated				
125854	Dixella		#/m2	Calculated				
125873	Meringodixa		#/m2	Calculated				
125930	Culicidae		#/m2	Calculated				
126455	Culex		#/m2	Calculated				
126624	Thaumaleidae		#/m2	Calculated				
126629	Thaumalea		#/m2	Calculated				
127076	Ceratopogonidae		#/m2	Calculated				
127278	Dasyhelea		#/m2	Calculated				
127338	Ceratopogoninae		#/m2	Calculated				
127917	Chironomidae		#/m2	Calculated				
127917-2	Chironomidae	sp.2	#/m2	Calculated				
127954	Boreochlus		#/m2	Calculated				
127994-2	Tanypodinae	sp.2	#/m2	Calculated				
128020	Macropelopiini		#/m2	Calculated				
128021	Apsectrotanypus		#/m2	Calculated				
128026	Brundiniella		#/m2	Calculated				
128078	Pentaneurini		#/m2	Calculated				
128079	Ablabesmyia		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128130	Conchapelopia		#/m2	Calculated				
128173	Labrundinia		#/m2	Calculated				
128236-2	Thienemannimyia	sp.2	#/m2	Calculated				
128236-3	Thienemannimyia	sp.3	#/m2	Calculated				
128259	Zavreliomyia		#/m2	Calculated				
128324	Tanypus		#/m2	Calculated				
128341	Diamesinae		#/m2	Calculated				
128343	Boreoheptagyia		#/m2	Calculated				
128355	Diamesa		#/m2	Calculated				
128408	Potthastia		#/m2	Calculated				
128463	Acricotopus		#/m2	Calculated				
128477	Brillia		#/m2	Calculated				
128511	Cardiocladius		#/m2	Calculated				
128520	Chaetocladius		#/m2	Calculated				
128563	Corynoneura		#/m2	Calculated				
128575	Cricotopus		#/m2	Calculated				
128575-2	Cricotopus	sp.2	#/m2	Calculated				
128575-3	Cricotopus	sp.3	#/m2	Calculated				
128575-4	Cricotopus	sp.4	#/m2	Calculated				
128583	Cricotopus bicinctus		#/m2	Calculated				
128651	Cricotopus tremulus		#/m2	Calculated				
128659	Cricotopus trifascia		#/m2	Calculated				
128670	Diplocladius		#/m2	Calculated				
128682	Epoicocladius		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128695	Eukiefferiella devonica		#/m2	Calculated				
128705	Eukiefferiella gracei		#/m2	Calculated				
128744	Heterotrissocladius marcidus		#/m2	Calculated				
128928	Orthocladius rivulorum		#/m2	Calculated				
129010	Paratrissocladius		#/m2	Calculated				
129152	Stilocladius		#/m2	Calculated				
129203	Tvetenia vitracies		#/m2	Calculated				
129228	Chironominae		#/m2	Calculated				
129229	Chironomini		#/m2	Calculated				
129254	Chironomus		#/m2	Calculated				
129350	Cladopelma		#/m2	Calculated				
129350-2	Cladopelma	sp.2	#/m2	Calculated				
129368	Cryptochironomus		#/m2	Calculated				
129394	Cryptotendipes		#/m2	Calculated				
129421	Demicryptochironomus		#/m2	Calculated				
129428	Dicrotendipes		#/m2	Calculated				
129483	Glyptotendipes		#/m2	Calculated				
129525	Lauterborniella		#/m2	Calculated				
129564	Parachironomus		#/m2	Calculated				
129616	Paralauterborniella		#/m2	Calculated				
129730	Robackia		#/m2	Calculated				
129820	Tribelos		#/m2	Calculated				
129837	Xenochironomus		#/m2	Calculated				
129873	Cladotanytarsus		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129884	Constempellina		#/m2	Calculated				
129975	Cecidomyiidae		#/m2	Calculated				
130052	Brachycercus		#/m2	Calculated				
130409	Caloparyphus		#/m2	Calculated				
130573	Odontomyia		#/m2	Calculated				
130573-2	Odontomyia	sp.2	#/m2	Calculated				
130929	Atherix		#/m2	Calculated				
135849	Clinocera		#/m2	Calculated				
136305	Chelifera		#/m2	Calculated				
136305-2	Chelifera	sp.2	#/m2	Calculated				
136352	Neoplasta		#/m2	Calculated				
136824	Dolichopodidae		#/m2	Calculated				
139621	Syrphidae		#/m2	Calculated				
144653	Sciomyzidae		#/m2	Calculated				
150025	Muscidae		#/m2	Calculated				
193637	Gymnochthebius		#/m2	Calculated				
193691	Postelichus		#/m2	Calculated				
205006	Potamopyrgus antipodarum		#/m2	Calculated				
206620	Acerpenna pygmaea		#/m2	Calculated				
206655	Apedilum		#/m2	Calculated				
568515	Cricotopus (Isocladius)		#/m2	Calculated				
568521	Cricotopus (Cricotopus)		#/m2	Calculated				
568546	Acerpenna		#/m2	Calculated				
568548	Camelobaetidius		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
568553	Plauditus		#/m2	Calculated				
568556	Cercobrachys		#/m3	Calculated				
568558	Neochoroterpes		#/m2	Calculated				
568572	Acentrella insignificans		#/m2	Calculated				
568574	Acentrella turbida		#/m2	Calculated				
568579	Baetis notos		#/m2	Calculated				
568598	Dipheter hageni		#/m2	Calculated				
568601	Fallceon quilleri		#/m2	Calculated				
568601-2	Fallceon quilleri		#/m2	Calculated				
568639	Serratella micheneri		#/m2	Calculated				
568757	Uenoidae		#/m2	Calculated				
568763	Arctopsychinae		#/m2	Calculated				
568826	Stictotarsus		#/m2	Calculated				
57577	Prostoma		#/m2	Calculated				
598372	Ylodes		#/m2	Calculated				
598644	Metrichia		#/m2	Calculated				
609510	Asioplax		#/m2	Calculated				
64183	Nematomorpha		#/m2	Calculated				
68440-2	Lumbriculidae	sp.2	#/m2	Calculated				
68479	Eclipidrilus frigidus		#/m2	Calculated				
68505	Haplotalaxis		#/m2	Calculated				
68531	Enchytraeus		#/m2	Calculated				
68531-2	Enchytraeus	sp.2	#/m2	Calculated				
68532	Enchytraeus albidus		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68544	Mesenchytraeus		#/m2	Calculated				
68544-2	Mesenchytraeus	sp.2	#/m2	Calculated				
68544-3	Mesenchytraeus	sp.3	#/m2	Calculated				
685440-2	Mesenchytraeus	sp.2	#/m2	Calculated				
68585-2	Tubificidae	sp.2	#/m2	Calculated				
68585-3	Tubificidae	sp.3	#/m2	Calculated				
68622	Tubifex		#/m2	Calculated				
68638	Limnodrilus		#/m2	Calculated				
68680	Aulodrilus pigueti		#/m2	Calculated				
68842	Rhyacodrilus coccineus		#/m2	Calculated				
68880	Pristina breviseta		#/m2	Calculated				
68900	Dero nivea		#/m2	Calculated				
68907	Dero obtusa		#/m2	Calculated				
68934	Chaetogaster		#/m2	Calculated				
68961	Nais bretscheri		#/m2	Calculated				
68985	Specaria josinae		#/m2	Calculated				
69024	Pristinella		#/m2	Calculated				
69069	Lumbricina		#/m2	Calculated				
69165-2	Lumbricidae	sp.2	#/m2	Calculated				
69168	Branchiobdellida		#/m2	Calculated				
69357	Glossiphoniidae		#/m2	Calculated				
69358	Batracobdella		#/m2	Calculated				
69396	Helobdella		#/m2	Calculated				
69407	Hirudinidae		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
69438	Erpobdellidae		#/m2	Calculated				
69439	Dina		#/m2	Calculated				
69444	Erpobdella		#/m2	Calculated				
69449	Mooreobdella		#/m2	Calculated				
69455	Nephelopsis		#/m2	Calculated				
69458	Mollusca		#/m2	Calculated				
76497	Fossaria		#/m2	Calculated				
76534	Stagnicola		#/m2	Calculated				
76568	Ancylidae		#/m2	Calculated				
76599	Helisoma		#/m2	Calculated				
76654	Planorbella		#/m2	Calculated				
76676	Physidae		#/m2	Calculated				
76677	Physa		#/m2	Calculated				
79986	Lampsilis		#/m2	Calculated				
81388	Pisidiidae		#/m2	Calculated				
81389	Sphaeriidae		#/m2	Calculated				
81391	Sphaerium		#/m2	Calculated				
81400	Pisidium		#/m2	Calculated				
82754	Acarina		#/m2	Calculated				
92686	Caecidotea		#/m2	Calculated				
93294	Amphipoda		#/m2	Calculated				
94025	Hyaella		#/m2	Calculated				
95081	Crangonyx		#/m2	Calculated				
95599	Decapoda		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
97325	Pacifastacus		#/m2	Calculated				
97336	Cambaridae		#/m2	Calculated				
97421	Orconectes		#/m2	Calculated				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MACRO-02	Benthic Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations King, K. W., 1998, A Bioassessment Method for Use in Wyoming stream and river water quality monitoring: Macroinvertebrates and Periphyton, Wyoming Department of Environmental Quality, Water Quality Division. Cheyenne, Wyoming., 1

Description IMPORTANT NOTE: Due to different levels of taxonomic detail between the Wyoming DEQ taxa list and the available taxa list employed by the STORET (ITIS list) database, modifications have been made. Contact the Wyoming DEQ for specific sample details.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100502	Ephemeroptera		#/m2	Calculated				
100504	Heptageniidae		#/m2	Calculated				
100602	Heptagenia		#/m2	Calculated				
100602-2	Heptagenia	sp.2	#/m2	Calculated				
100626	Epeorus		#/m2	Calculated				
100626-2	Epeorus	sp.2	#/m2	Calculated				
100629	Epeorus albertae		#/m2	Calculated				
100637	Epeorus longimanus		#/m2	Calculated				
101095	Leptophlebiidae		#/m2	Calculated				
101148	Leptophlebia		#/m2	Calculated				
101233	Ephemerella		#/m2	Calculated				
101233-2	Ephemerella	sp.2	#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101239	Ephemerella inermis		#/m2	Calculated				
101240	Ephemerella infrequens		#/m2	Calculated				
101368	Drunella doddsi		#/m2	Calculated				
101370	Drunella grandis		#/m2	Calculated				
101385	Drunella spinifera		#/m2	Calculated				
101389	Drunella coloradensis		#/m2	Calculated				
101392	Drunella flavilinea		#/m2	Calculated				
101526	Ephemera		#/m2	Calculated				
101537	Hexagenia		#/m2	Calculated				
101664	Gomphidae		#/m2	Calculated				
102048	Hetaerina		#/m2	Calculated				
102102	Enallagma		#/m2	Calculated				
102840	Leuctridae		#/m2	Calculated				
102971	Hesperoperla		#/m2	Calculated				
102972	Hesperoperla pacifica		#/m2	Calculated				
102995	Isoperla		#/m2	Calculated				
103124	Isogenoides		#/m2	Calculated				
103149	Kogotus		#/m2	Calculated				
111858	Haliphus		#/m2	Calculated				
111963	Dytiscidae		#/m2	Calculated				
112811	Hydrophilidae		#/m2	Calculated				
113106	Helophorus		#/m2	Calculated				
114006	Helichus		#/m2	Calculated				
114093	Elmidae		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
114126	Dubiraphia		#/m2	Calculated				
114139	Lara avara		#/m2	Calculated				
114167	Heterolimnius		#/m2	Calculated				
115398	Hydropsychidae		#/m2	Calculated				
115453	Hydropsyche		#/m2	Calculated				
115629	Hydroptilidae		#/m2	Calculated				
115629-2	Hydroptilidae	sp.2	#/m2	Calculated				
115630	Leucotrichia		#/m2	Calculated				
115641	Hydroptila		#/m2	Calculated				
115823	Itthytrichia		#/m2	Calculated				
115933	Limnephilidae		#/m2	Calculated				
116001	Hesperophylax		#/m2	Calculated				
116025	Ecclisomyia		#/m2	Calculated				
116069	Limnephilus		#/m2	Calculated				
116794	Lepidostoma		#/m2	Calculated				
116794-2	Lepidostoma	sp.2	#/m2	Calculated				
116794-3	Lepidostoma	sp.3	#/m2	Calculated				
116794-4	Lepidostoma	sp.4	#/m2	Calculated				
117016	Helicopsyche		#/m2	Calculated				
117020	Helicopsyche borealis		#/m2	Calculated				
117159	Glossosoma		#/m2	Calculated				
119704	Limonia		#/m2	Calculated				
120094	Hexatoma		#/m2	Calculated				
120164	Limnophila		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
120503	Erioptera		#/m2	Calculated				
120732	Hesperoconopa		#/m2	Calculated				
127112	Forcipomyiinae		#/m2	Calculated				
128183	Larsia		#/m2	Calculated				
128689	Eukiefferiella		#/m2	Calculated				
128730	Heleniella		#/m2	Calculated				
128737	Heterotrissocladius		#/m2	Calculated				
128750	Hydrobaenus		#/m2	Calculated				
128771	Krenosmittia		#/m2	Calculated				
128776	Limnophyes		#/m2	Calculated				
128811	Lopescladius		#/m2	Calculated				
128875	Euorthocladius		#/m2	Calculated				
129470	Endochironomus		#/m2	Calculated				
129516	Harnischia		#/m2	Calculated				
130436	Euparyphus		#/m2	Calculated				
130915	Glutops		#/m2	Calculated				
135830	Empididae		#/m2	Calculated				
136327	Hemerodromia		#/m2	Calculated				
146893	Ephydriidae		#/m2	Calculated				
150730	Limnophora		#/m2	Calculated				
50845	Hydra		#/m2	Calculated				
54503	Dugesia		#/m2	Calculated				
68473	Eclipidrilus		#/m2	Calculated				
68507	Haplotaxis gordioides		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68510	Enchytraeidae		#/m2	Calculated				
68639	Limnodrilus hoffmeisteri		#/m2	Calculated				
68644	Limnodrilus udekemianus		#/m2	Calculated				
69290	Hirudinea		#/m2	Calculated				
69381	Glossiphonia complanata		#/m2	Calculated				
69398	Helobdella stagnalis		#/m2	Calculated				
70493	Hydrobiidae		#/m2	Calculated				
70778	Fluminicola		#/m2	Calculated				
76569	Ferrissia		#/m2	Calculated				
76592	Gyraulus		#/m2	Calculated				
93773	Gammarus		#/m2	Calculated				
94026	Hyalella azteca		#/m2	Calculated				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MACRO-03	Benthic Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations King, K. W., 1998, A Bioassessment Method for Use in Wyoming stream and river water quality monitoring: Macroinvertebrates and Periphyton, Wyoming Department of Environmental Quality, Water Quality Division. Cheyenne, Wyoming., 1

Description IMPORTANT NOTE: Due to different levels of taxonomic detail between the Wyoming DEQ taxa list and the available taxa list employed by the STORET (ITIS list) database, modifications have been made. Contact the Wyoming DEQ for specific sample details.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101187	Paraleptophlebia		#/m2	Calculated				
101206	Paraleptophlebia bicornuta		#/m2	Calculated				
101738	Ophiogomphus		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102467	Plecoptera		#/m2	Calculated				
102517	Nemouridae		#/m2	Calculated				
102567	Malenka		#/m2	Calculated				
102914	Perlidae		#/m2	Calculated				
102994	Perlodidae		#/m2	Calculated				
103110	Megarcys		#/m2	Calculated				
103135	Perlinodes aurea		#/m2	Calculated				
103233	Paraperla		#/m2	Calculated				
114142	Narpus		#/m2	Calculated				
114146	Microcyloepus		#/m2	Calculated				
114177	Optioservus		#/m2	Calculated				
114232	Neoelmis		#/m2	Calculated				
114235	Ordobrevia		#/m2	Calculated				
114236	Ordobrevia nubifera		#/m2	Calculated				
115560	Parapsyche elsis		#/m2	Calculated				
115714	Ochrotrichia		#/m2	Calculated				
115779	Oxyethira		#/m2	Calculated				
115811	Mayatrichia		#/m2	Calculated				
115833	Neotrichia		#/m2	Calculated				
116039	Oligophlebodes		#/m2	Calculated				
116046	Neophylax		#/m2	Calculated				
116318	Onocosmoecus unicolor		#/m2	Calculated				
116388	Neothremma		#/m2	Calculated				
116388-2	Neothremma	sp.2	#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
116607	Oecetis		#/m2	Calculated				
116651	Nectopsyche		#/m2	Calculated				
116958	Micrasema		#/m2	Calculated				
117044	Polycentropus		#/m2	Calculated				
117095	Neureclipsis		#/m2	Calculated				
117682	Petrophila		#/m2	Calculated				
120830	Ormosia		#/m2	Calculated				
120830-2	Ormosia	sp.2	#/m2	Calculated				
121118	Pedicia		#/m2	Calculated				
125392	Maruina		#/m2	Calculated				
125514	Pericoma		#/m2	Calculated				
128034	Macropelopia		#/m2	Calculated				
128202	Nilotanypus		#/m2	Calculated				
128207	Paramerina		#/m2	Calculated				
128215	Pentaneura		#/m2	Calculated				
128401	Pagastia		#/m2	Calculated				
128409	Potthastia gaedii		#/m2	Calculated				
128440	Monodiamesa		#/m2	Calculated				
128446	Odontomesa		#/m2	Calculated				
128457	Orthoclaadiinae		#/m2	Calculated				
128821	Metriocnemus		#/m2	Calculated				
128844	Nanocladius		#/m2	Calculated				
128874	Orthocladus		#/m2	Calculated				
128874-2	Orthocladus	sp.2	#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
128874-3	Orthocladius	sp.3	#/m2	Calculated				
128951	Parachaetocladius		#/m2	Calculated				
128968	Parakiefferiella		#/m2	Calculated				
128978	Parametrioctenus		#/m2	Calculated				
128989	Paraphaenocladius		#/m2	Calculated				
129005	Paratrichocladius		#/m2	Calculated				
129011	Parorthocladius		#/m2	Calculated				
129535	Microtendipes		#/m2	Calculated				
129597	Paracladopelma		#/m2	Calculated				
129623	Paratendipes		#/m2	Calculated				
129637	Phaenopsectra		#/m2	Calculated				
129637-2	Phaenopsectra	sp.2	#/m2	Calculated				
129657	Polypedilum		#/m2	Calculated				
129890	Micropsectra		#/m2	Calculated				
129935	Paratanytarsus		#/m2	Calculated				
130914	Pelecorhynchidae		#/m2	Calculated				
136377	Oreogeton		#/m2	Calculated				
46861	Porifera		#/m2	Calculated				
59490	Nematoda		#/m2	Calculated				
68422	Oligochaeta		#/m2	Calculated				
68440	Lumbriculidae		#/m2	Calculated				
68544-3	Mesenchytraeus	sp.3	#/m2	Calculated				
68854	Naididae		#/m2	Calculated				
68946	Nais		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
68949	Nais behningi		#/m2	Calculated				
68950	Nais communis		#/m2	Calculated				
68952	Nais elinguis		#/m2	Calculated				
68957	Nais simplex		#/m2	Calculated				
68959	Nais variabilis		#/m2	Calculated				
68996	Ophidonais serpentina		#/m2	Calculated				
69165	Lumbricidae		#/m2	Calculated				
69450	Mooreobdella microstoma		#/m2	Calculated				
76483	Lymnaeidae		#/m2	Calculated				
76591	Planorbidae		#/m2	Calculated				
76698	Physella		#/m2	Calculated				
84195	Ostracoda		#/m2	Calculated				

Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MACRO-04	Benthic Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations King, K. W., 1998, A Bioassessment Method for Use in Wyoming stream and river water quality monitoring: Macroinvertebrates and Periphyton, Wyoming Department of Environmental Quality, Water Quality Division. Cheyenne, Wyoming., 1

Description IMPORTANT NOTE: Due to different levels of taxonomic detail between the Wyoming DEQ taxa list and the available taxa list employed by the STORET (ITIS list) database, modifications have been made. Contact the Wyoming DEQ for specific sample details.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
100507	Stenonema		#/m2	Calculated				
100572	Rhithrogena		#/m2	Calculated				
101317	Timpanoga		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
101318	Timpanoga hecuba		#/m2	Calculated				
101399	Serratella tibialis		#/m2	Calculated				
101405	Tricorythodes		#/m2	Calculated				
101413	Tricorythodes minutus		#/m2	Calculated				
102471	Pteronarcys		#/m2	Calculated				
102471-2	Pteronarcys	sp.2	#/m2	Calculated				
102473	Pteronarcys californica		#/m2	Calculated				
102485	Pteronarcella		#/m2	Calculated				
102485-2	Pteronarcella	sp.2	#/m2	Calculated				
102486	Pteronarcella badia		#/m2	Calculated				
102584	Prostoia		#/m2	Calculated				
102788	Taeniopterygidae		#/m2	Calculated				
102789	Taeniopteryx		#/m2	Calculated				
102816	Taenionema		#/m2	Calculated				
103102	Skwala		#/m2	Calculated				
103273	Sweltsa		#/m2	Calculated				
112737	Sphaeriidae		#/m2	Calculated				
112938	Tropisternus		#/m2	Calculated				
114095	Stenelmis		#/m2	Calculated				
115002	Sialis		#/m2	Calculated				
115095	Trichoptera		#/m2	Calculated				
115097	Rhyacophila		#/m2	Calculated				
115097-2	Rhyacophila	sp.2	#/m2	Calculated				
115097-3	Rhyacophila	sp.3	#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
115097-4	Rhyacophila	sp.4	#/m2	Calculated				
115097-5	Rhyacophila	sp.5	#/m2	Calculated				
115097-6	Rhyacophila	sp.6	#/m2	Calculated				
115099	Rhyacophila angelita		#/m2	Calculated				
115101	Rhyacophila betteni		#/m2	Calculated				
115117	Rhyacophila rotunda		#/m2	Calculated				
115125	Rhyacophila verrula		#/m2	Calculated				
115152	Rhyacophila vagrita		#/m2	Calculated				
115155	Rhyacophila narvae		#/m2	Calculated				
115157	Rhyacophila coloradensis		#/m2	Calculated				
115159	Rhyacophila hyalinata		#/m2	Calculated				
115221	Protoptila		#/m2	Calculated				
115335	Psychomyia		#/m2	Calculated				
115974	Psychoglypha		#/m2	Calculated				
115981	Psychoglypha subborealis		#/m2	Calculated				
118840	Tipulidae		#/m2	Calculated				
119037	Tipula		#/m2	Calculated				
119037-2	Tipula	sp.2	#/m2	Calculated				
120968	Rhabdomastix		#/m2	Calculated				
120968-2	Rhabdomastix	sp.2	#/m2	Calculated				
125468	Psychoda		#/m2	Calculated				
125786	Ptychoptera		#/m2	Calculated				
126640	Simuliidae		#/m2	Calculated				
126703	Prosimulium		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
126774	Simulium		#/m2	Calculated				
127994	Tanypodinae		#/m2	Calculated				
128048	Psectrotanypus		#/m2	Calculated				
128236	Thienemannimyia		#/m2	Calculated				
128236-2	Thienemannimyia	sp.2	#/m2	Calculated				
128277	Procladius		#/m2	Calculated				
128408	Potthastia		#/m2	Calculated				
128412	Potthastia longimana		#/m2	Calculated				
128416	Pseudodiamesa		#/m2	Calculated				
128426	Sympotthastia		#/m2	Calculated				
128452	Prodiamesa		#/m2	Calculated				
128877	Symposiocladius		#/m2	Calculated				
129018	Psectrocladius		#/m2	Calculated				
129052	Pseudorthocladius		#/m2	Calculated				
129071	Pseudosmittia		#/m2	Calculated				
129083	Psilometriocnemus		#/m2	Calculated				
129086	Rheocricotopus		#/m2	Calculated				
129107	Rheosmittia		#/m2	Calculated				
129161	Synorthocladius		#/m2	Calculated				
129182	Thienemanniella		#/m2	Calculated				
129197	Tvetenia		#/m2	Calculated				
129205	Tvetenia bavarica		#/m2	Calculated				
129735	Saetheria		#/m2	Calculated				
129746	Stenochironomus		#/m2	Calculated				

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Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
129785	Stictochironomus		#/m2	Calculated				
129851	Pseudochironomus		#/m2	Calculated				
129872	Tanytarsini		#/m2	Calculated				
129952	Rheotanytarsus		#/m2	Calculated				
129962	Stempellina		#/m2	Calculated				
129969	Stempellinella		#/m2	Calculated				
129975	Sublettea		#/m2	Calculated				
129978	Tanytarsus		#/m2	Calculated				
130150	Stratiomyidae		#/m2	Calculated				
130627	Stratiomys		#/m2	Calculated				
130934	Tabanidae		#/m2	Calculated				
189327	Tvetenia discoloripes		#/m2	Calculated				
53964	Turbellaria		#/m2	Calculated				
68585	Tubificidae		#/m2	Calculated				
68623	Tubifex tubifex		#/m2	Calculated				
68856	Slavina appendiculata		#/m2	Calculated				
68876	Pristina		#/m2	Calculated				
68879	Pristina aequisetata		#/m2	Calculated				
68881	Pristina foreli		#/m2	Calculated				
68882	Pristina idrensis		#/m2	Calculated				
68984	Specaria		#/m2	Calculated				
68990	Uncinatis uncinata		#/m2	Calculated				
69030	Pristinella jenkiniae		#/m2	Calculated				

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Group ID	Group Name	Field Activity	Medium	Intent	Community	Result Group	Habitat
MACRO-05	Benthic Macroinvertebrates	Sample	Biological	Taxon Abundance	Benthic Macroinvertebrates	Multi-Taxon Population Census	N

Citations King, K. W., 1998, A Bioassessment Method for Use in Wyoming stream and river water quality monitoring: Macroinvertebrates and Periphyton, Wyoming Department of Environmental Quality , Water Quality Division. Cheyenne, Wyoming., 1

Description IMPORTANT NOTE: Due to different levels of taxonomic detail between the Wyoming DEQ taxa list and the available taxa list employed by the STORET (ITIS list) database, modifications have been made. Contact the Wyoming DEQ for specific sample details.

Row ID	Characteristic Name	Species #	Unit	Value Type	Statistic Type	Taxon Pollution Tolerance	Functional Feeding Group	Trophic Level
102510	Yoroperla		#/m2	Calculated				
102591	Zapada		#/m2	Calculated				
102591-2	Zapada	sp.2	#/m2	Calculated				
102594	Zapada cinctipes		#/m2	Calculated				
102596	Zapada columbiana		#/m2	Calculated				
102597	Zapada oregonensis		#/m2	Calculated				
102615	Visoka cataractae		#/m2	Calculated				
114205	Zaitzevia		#/m2	Calculated				
115258	Wormaldia		#/m2	Calculated				
135920	Wiedemannia		#/m2	Calculated				