Macroinvertebrate Count

Date: 9/28/2017

	Sample 1		Sample 2	
Group 1: Sensitive	*Count*	*Code*	*Count*	*Code*
Water Penny Larvae	0	-	0	-
Hellgrammite	0	-	0	-
Mayfly Nymph	1	R	0	-
Gilled Snails	0	-	0	-
Riffle Beetle Adults	5	R	0	-
Non net-spinning Caddisfly Larva	0	-	0	-
Stonefly Larvae	0	-	0	-
Group 2: Somewhat Sensitive				
Beetle Larvae	2	R	0	-
Clams	0	-	5	R
Cranefly Larvae	0	-	1	R
Crayfish	0	-	0	-
Damselfly Nymphs	1	R	1	R
Dragonfly Nymphs	0	-	2	R
Scuds	0	-	0	-
Sowbugs	0	-	0	-
Fishfly Larvae	0	-	0	-
Alderfly Larvae	0	-	0	-
Net-spinning Caddisfly Larvae	2	R	0	-
Group 3: Pollution Tolerant				
Aquatic Worms	3	R	1	R
Blackfly Larvae	0	-	0	-
Leeches	0	-	0	-
Midge Larvae	3	R	0	-
Snails	0	-	0	-
Planarian	2			

Sample 1:

Codes:

R= Rare (1-9 organisms)			Good= >40
C=Common (10-99 organisms)			Fair= 20-40
D=Dominant (100+ organisms)			Poor = <20

Index Values:		Count	Weight	Total
Sensitive	# of R's	2	5	10
	# of C's	0	5.6	0
	# of D's	0	5.3	0
	Sum:			10
Somewhat Sensitive				
	# of R's	3	3.2	9.6
	# of C's	0	3.4	0
	# of D's	0	3	0
	Sum:			9.6
Tolerant	# of R's	3	1.2	3.6
	# of C's	0	1.1	0
	# of D's	0	1	0
	Sum:			3.6
			Total Score:	**23.2**

Sample 2:

Codes:

R= Rare (1-9 organisms)			Good= >40
C=Common (10-99 organisms)			Fair= 20-40
D=Dominant (100+ organisms)			Poor = <20

Index Values:		Count	Weight	Total
Sensitive	# of R's	0	5	0
	# of C's	0	5.6	0
	# of D's	0	5.3	0
	Sum:			0
Somewhat Sensitive				
	# of R's	4	3.2	12.8
	# of C's	0	3.4	0
	# of D's	0	3	0
	Sum:			12.8
Tolerant	# of R's	1	1.2	1.2
	# of C's	0	1.1	0
	# of D's	0	1	0
	Sum:			1.2
			Total Score:	**14**