

Macroinvertebrate Count

Date 10/3/2016

	Sample 1		Sample 2	
Group 1: Sensitive	<i>Count</i>	<i>Code</i>	<i>Count</i>	<i>Code</i>
Water Penny Larvae	0	-	0	-
Hellgrammite	0	-	0	-
Mayfly Nymph	0	-	0	-
Gilled Snails	0	-	0	-
Riffle Beetle Adults	0	-	0	-
Non net-spinning Caddisfly Larva	0	-	0	-
Stonefly Larvae	0	-	0	-
Group 2: Somewhat Sensitive				
Beetle Larvae	1	R	0	-
Clams	0	-	0	-
Cranefly Larvae	0	-	1	R
Crayfish	3	R	0	-
Damselfly Nymphs	2	R	4	R
Dragonfly Nymphs	1	R	2	R
Scuds	7	R	1	R
Sowbugs	0	-	0	-
Fishfly Larvae	0	-	0	-
Alderfly Larvae	0	-	0	-
Net-spinning Caddisfly Larvae	4	R	0	-
Group 3: Pollution Tolerant				
Aquatic Worms	18	C	7	R
Blackfly Larvae	0	-	0	-
Leeches	0	-	1	R
Midge Larvae	0	-	1	R
Snails	0	-	1	R

Sample 1:

Codes:

*R= Rare (1-9 organisms)**C=Common (10-99 organisms)**D=Dominant (100+ organisms)*

Good= >40

Fair= 20-40

Poor = <20

Index Values:

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	6	3.2	19.2
	# of C's	0	3.4	0
	# of D's	0	3	0
	Sum:			19.2
Tolerant	# of R's	0	1.2	0
	# of C's	1	1.1	1.1
	# of D's	0	1	0
	Sum:			1.1
			Total Score:	20.3

Sample 2:

Codes:

*R= Rare (1-9 organisms)**C=Common (10-99 organisms)**D=Dominant (100+ organisms)*

Good= >40

Fair= 20-40

Poor = <20

Index Values:

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	4	1.2	4.8
	# of C's	0	1.1	0
	# of D's	0	1	0
	Sum:			4.8
			Total Score:	17.6