## **Macroinvertebrate Survey and Assessment**

Monitor Name(s):			
Date:	GPS Location:		
Stream Name:	Naming Convention:		
Macroinvertebrate Count			
Identify the macroinvertebra concerned with organisms t number of organisms in the abundance.	hat appear on th	e identification	sheets. Record the
<b>R</b> (Rare) = 1-9	C (Commo	n) = 10-99	<b>D</b> (dominant) = 100+
<b>EXAMPLE:</b> 23 (C) Stonefly Nymphs or 8 (R) Aquatic Worms or 117 (D) Sowbugs			
Group I - Sensitive		ewhat Sensitive	
( ) Water Penny Larvae	( ) Beetle I		( ) Aquatic Worms
( ) Hellgrammites	( ) Clams	aivac	( ) Blackfly Larvae
<u>,</u>	<u> </u>	T	
( ) Mayfly Nymphs		y Larvae	( ) Leeches
( ) Gilled Snails	( ) Crayfish		( ) Midge Larvae
( ) Riffle Beetle Adults		ly Nymphs	( ) Snails
( ) Stonefly Nymphs		fly Nymphs	~0
( ) Non-net Spinning	( ) Scuds		
Caddisfly Larvae	( ) Sowbug		(5
	( ) Fishfly		
	( ) Alderfly		TROUT
	_	nning Caddisfly	UNLIMITED
Larvae Water Quality Rating			
To calculate the index value, add the number of letters found in the three groups			
above and multiple by the i			
Group I - Sensitive	Group II Som	ewhat Sensitive	Group III - Tolerant
<u> </u>	-	ewilat Selisitive	•
(# of R's) X 5.0 =	(# of R's) X 3.2 =		(# of R's) X 1.2 =
(# of C's) X 5.6 =	(# of C's) X 3.4 =		(# of C's) X 1.1 =
(# of D's) X 5.3 =	(# of D's) X 3.0 =		(# of D's) X 1.0 =
Index Sum Total	Index Sum Total		Index Sum Total
T11-4- 4141:			
To calculate the water quali	_		_
total for each group. The su Group I - Sensitive	iii oi tiiese valu	ts equais the wa	tter quarity score.
Group II - Sensitive  Group II - Somewhat Sensitive		Compare this so	core to the following number
Group III - Tolerant	.100	ranges to det	ermine the quality of your
-		┪	stream site
Water Quality Score		Good >40	Fair 20-40 Poor<20