LESSON 3 HANDOUT 1: BIOMONITORING DATA FORM

Water body: _____

State: _____

County or city: _____

Date: _____

Collectors: _____

Weather conditions current and previous 24 hours: _____

_____

Water temperature (Celsius): _____ Flow rate: High _____ Normal _____ Low _____

Macroinvertebrate Data

Group 1 Taxa (sensitive)	Group 2 Taxa (somewhat sensitive)	Group 3 Taxa (tolerant)
Riffle beetle adult and larva	Crayfish	Pouch snail
Mayfly larva	Sowbug	Midge (larva and pupa)
Caddisfly larva	Scud	Aquatic worm
Gilled snail	Blackfly larva and pupa	Leech
Stonefly larva	Cranefly larva	
	Dragonfly nymph	
	Hellgrammite (dobsonfly larva)	
	Damselfly larva	
No. of Taxa =	No. of Taxa =	No. of Taxa =
Multiply No. of Taxa above by 3 to calculate the Group Index Value =	Multiply No. of Taxa above by 2 to calculate the Group Index Value =	Multiply No. of Taxa above by 1 to calculate the Group Index Value =

Water Quality Indices	
Total No. of Taxa (sum of No. of Taxa in each group)	
Cumulative Index Value (CIV; sum of index values for each group)	

Water Quality Rating of CIV: (circle one)	
Poor (10 or less)	Fair (11–16)
Good (17–22)	Excellent (23 or more)