DISCOVER CAROLINA - TABLE ROCK STATE PARK

Stream Survey Worksheet

Stream_____ **Date**_____

Student name(s)_____

Record your observations and measurements.

Flow ___Fast ___Slow

Clarity ___Clear ___Cloudy

Bottom ___Rocky ___Sandy ___Muddy ___ Plant debris

Surface ___Sunny ___Shaded

Estimated depth _____Inches

pH level tested _____

Water temperature F = _____

C = _____

MACROINVERTEBRATE COUNT

Very Sensitive	**Somewhat sensitive**	**Tolerant**
___Mayfly nymph ___Stonefly nymph ___Water Penny larva ___Caddisfly larva ___Dobsonfly larva (hellgramite) ___Gilled snail	___Crayfish ___Crane Fly larva ___Dragonfly nymph ___Damselfly nymph ___Scud	___Lunged snail ___Aquatic worms ___Midge Fly larva ___Black Fly larva
number of macroinvertebrates x 3 =_____index value	number of macroinvertebrates x 2 =____ index value	number of macroinvertebrates x 1 =____ index value
WATER QUALITY RATING	____Excellent (>22)	____Good (17 -22)
Total Index Value = _____	____Fair (11 - 16)	____Poor (< 11)

NOTE: It may be determined that more than one species of mayfly, stonefly, caddisfly, or other macroinvertebrate was collected. If so, each one can be counted separately for calculating the index value.