

## Instream Survey Data Sheet

Average Water Depth (ft.):

Is the substrate covered with excessive silt?     Yes         No

Substrate Embeddedness:     0-25%     25-50%     > 50%

### Benthic Macroinvertebrates

Describe the types of habitats and substrates from which invertebrates were collected:

Use letter codes (R = 1-10, C = 11 or more) to record the approximate numbers of organisms in each taxa found in the stream reach.

Group 1 Sensitive	Group 2 Somewhat-Sensitive	Group 3 Tolerant
_____ Beetle adults (Coleoptera)	_____ Beetle larvae (Coleoptera)	_____ Aquatic worms (Oligochaeta)
_____ Caddisfly larvae (Trichoptera)	_____ Clams (Pelecypoda)	_____ Leeches (Hirudina)
_____ Hellgrammites (Megaloptera)	_____ Cranefly larvae (Diptera)	_____ Midge larvae (Diptera)
_____ Mayfly nymphs (Ephemeroptera)	_____ Crayfish (Decapoda)	_____ Pouch snails (Gastropoda)
_____ Gilled Snails (Gastropoda)	_____ Damselfly nymphs (Odonata)	_____ Sowbugs (Isopoda)
_____ Stonefly nymphs (Plecoptera)	_____ Dragonfly nymphs (Odonata)	_____ True Bugs (Hemiptera)
_____ Water penny (Coleoptera)	_____ Scuds (Amphipoda)	_____ Other Diptera
_____ Blackfly larvae (Diptera)	_____ Alderfly larvae (Megaloptera)	

Group 1	Group 2	Group 3
_____ # of R's * 5.0 = _____	_____ # of R's * 3.0 = _____	_____ # of R's * 1.1 = _____
_____ # of C's * 5.3 = _____	_____ # of C's * 3.2 = _____	_____ # of C's * 1.0 = _____

Group 1 Total = \_\_\_\_\_                      Group 2 Total = \_\_\_\_\_                      Group 3 Total = \_\_\_\_\_

Total Stream Quality Score (sum of totals for Groups 1-3) = \_\_\_\_\_

\_\_\_\_\_ Excellent (>48)              \_\_\_\_\_ Good (34-48)              \_\_\_\_\_ Fair (19-33)              \_\_\_\_\_ Poor (<19)

During the sampling and evaluation, did you observe any fish or wildlife?     Yes         No

If yes, please describe (if possible):

(Data Sheet Version 4/27/00)