

IDENTIFICATION AND ASSESSMENT

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

**** Do NOT count empty shells, pupae, or terrestrial macroinvertebrates ****

Group 1: Sensitive

- _____ Caddisfly larvae (Trichoptera)
EXCEPT Net-spinning caddis
- _____ Hellgrammites (Megaloptera)
- _____ Mayfly nymphs (Ephemeroptera)
- _____ Gilled (right-handed) snails (Gastropoda)
- _____ Stonefly nymphs (Plecoptera)
- _____ Water penny (Coleoptera)
- _____ Water snipe fly (Diptera)

Group 2: Somewhat-Sensitive

- _____ Alderfly larvae (Megaloptera)
- _____ Beetle adults (Coleoptera)
- _____ Beetle larvae (Coleoptera)
- _____ Black fly larvae (Diptera)
- _____ Clams (Pelecypoda)
- _____ Crane fly larvae (Diptera)
- _____ Crayfish (Decapoda)
- _____ Damselfly nymphs (Odonata)
- _____ Dragonfly nymphs (Odonata)
- _____ Net-spinning caddisfly larvae (Hydropsychidae; Trichoptera)
- _____ Scuds (Amphipoda)
- _____ Sowbugs (Isopoda)

Group 3: Tolerant

- _____ Aquatic worms (Oligochaeta)
- _____ Leeches (Hirudinea)
- _____ Midge larvae (Diptera)
- _____ Pouch snails (Gastropoda)
- _____ True bugs (Hemiptera)
- _____ Other true flies (Diptera)

Identifications made by: _____

Rate your confidence in these identifications: Quite confident 5 4 3 2 1 Not very confident

STREAM QUALITY SCORE

Group 1:
 _____ # of R's * 5.0 = _____
 _____ # of C's * 5.3 = _____
 Group 1 Total = _____

Group 2:
 _____ # of R's * 3.0 = _____
 _____ # of C's * 3.2 = _____
 Group 2 Total = _____

Group 3:
 _____ # of R's * 1.1 = _____
 _____ # of C's * 1.0 = _____
 Group 3 Total = _____

Total Stream Quality Score = _____
(Sum of totals for groups 1-3; round to nearest whole number)

Check one:
 _____ Excellent (>48)
 _____ Good (34-48)
 _____ Fair (19-33)
 _____ Poor (<19)