

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 ^{1.6 (4)} (Oligochaeta)
- Leeches (Hirudinea)
- Midge larvae (Diptera)
- Pouch snails (Gastropoda)
- True bugs ^{slider} (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 = _____
2 # of C's * 5.3 = 10.6
 Group 1 Total = 10.6

Group 2:
 _____ # of R's * 3.0 = _____
4 # of C's * 3.2 = 12.8
 Group 2 Total = 12.8

Group 3:
 _____ # of R's * 1.1 = _____
4 # of C's * 1.0 = 4
 Group 3 Total = 4

Total Stream Quality Score = 27.4
 (Sum of totals for groups 1-3; round to nearest whole number) 27

Check one:

Excellent (>48)

Good (34-48)

Fair (19-33)

Poor (<19)