



# STREAM QUALITY ASSESSMENT REPORT

Monitoring Season/Year: \_\_\_\_\_ Date: \_\_\_\_\_

Site Number: \_\_\_\_\_ Stream and Location: \_\_\_\_\_

Team Leader: \_\_\_\_\_

Data Collectors: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Time arrived at site: \_\_\_\_\_ Time departed: \_\_\_\_\_

## ABIOTIC DATA

Time of taking abiotic measurements: \_\_\_\_\_ pH: \_\_\_\_\_

Ambient air temperature: \_\_\_\_\_ F \_\_\_\_\_ C (Hang thermometer in shaded area 3' above ground)

Average water temperature: \_\_\_\_\_ F \_\_\_\_\_ C (average of 3 samples) [F = (1.8 x C) + 32]

Stream flow: (Choose one)      High/fast      Moderate/average      Low/slow

Weather conditions: (Choose one)

Snow      Heavy rain/storm      Steady rain      Intermittent showers      Overcast      Clear/sunny

Date of last rainfall (if known): \_\_\_\_\_ Comments: \_\_\_\_\_

## BENTHIC HABITAT SAMPLED:

Take a total of 20 one-foot square net samples in the best available habitats for macroinvertebrates. Sample habitats in proportion to their occurrence in the reach. Do not sample pools *per se*, but you may sample rootwads, woody debris, leaf packs, or macrophytes in pools and count them as such. Indicate the number of samples taken in each habitat type. The preferred, stable habitats to be sampled are listed below in order of their importance. Riffles are the most preferred habitat.

Riffles \_\_\_\_\_ Rootwads \_\_\_\_\_ Woody Debris \_\_\_\_\_

Leaf Packs (a handful = 1) \_\_\_\_\_ Macrophytes (water plants) \_\_\_\_\_

If these preferred habitats are absent or so scarce you cannot find 20 samples, you may sample: Undercut Banks (rocks only; count rootwads and leaf packs above) \_\_\_\_\_ Runs \_\_\_\_\_

**NOTES/COMMENTS** (Continue on back of sheet if necessary):

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