

Sample ID # _____ Stream _____ Subwatershed _____
 Site Name/ Road Crossing _____
 Date _____ Sampler(s) _____

Weather (circle all that apply):

Today Clear Partly Cloudy Overcast Light Rain Steady Rain Snow
Last 48 Hours Clear Partly Cloudy Overcast Light Rain Steady Rain Snow

Selecting Habitat Proportions

Establish 300 ft Stream Reach:

Measure distance from culvert, bridge, or other stable landmark to start of sample reach (will usually be 30 ft)

Instream Habitat Proportions:

Habitat	Percentage	Number of Jabs (total must be 10)
Hard bottom (riffle/run/pool/cobble/boulder)		
Aquatic Plants (submerged/emergent vegetation)		
Undercut Banks (undercut banks/overhanging vegetation)		
Snags (snags/rootwads)		
Leaf Packs		

Habitat Assessment

River Bottom Composition:

% Bedrock _____ % Boulder _____ % Cobble _____ % Gravel _____
 % Sand _____ % Silt _____ % Organic _____

% Embedded: (Estimate % of large rocks or particles covered with silt)

0% _____ 0-25% _____ 25-50% _____ >50% _____

Flow: _____% (Estimate % of stream bottom currently filled with water)

Overhead Canopy_____%

Algal Growth (circle one): None Little Lots

Volunteer Field Data Sheet

Habitat Assessment Continued...

Water Odor (circle all that apply):

None Fish Organic Sewage Oil Other_____

Left Bank Description: facing upstream

Shrubs____% Grass/forbs____% Conifer____% Deciduous____% Clear____%
Erosion____% (of 100)

Right Bank Description: facing upstream

Shrubs____% Grass/forbs____% Conifer____% Deciduous____% Clear____%
Erosion____% (of 100)

Estimation of Flow

Depth: Select a spot typical of the sampling site and measure in 1 foot intervals

- | | | | | |
|---------|----------|----------|----------|----------|
| 1._____ | 6._____ | 11._____ | 16._____ | 21._____ |
| 2._____ | 7._____ | 12._____ | 17._____ | 22._____ |
| 3._____ | 8._____ | 13._____ | 18._____ | 23._____ |
| 4._____ | 9._____ | 14._____ | 19._____ | 24._____ |
| 5._____ | 10._____ | 15._____ | 20._____ | 25._____ |

Current Velocity: Velocity = 10 feet/number of seconds

Wetted Width (ft): _____

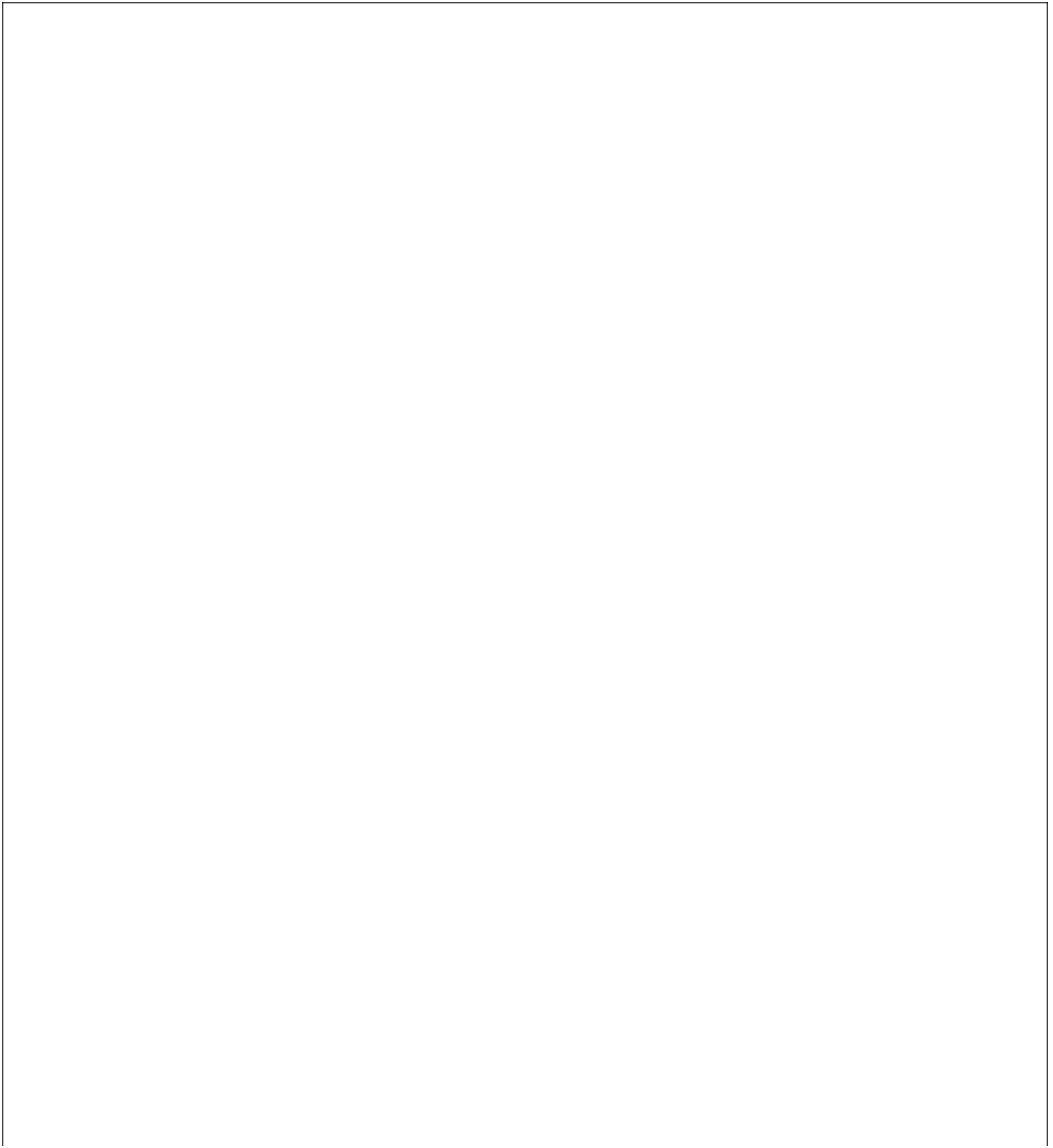
- | | |
|-----------------------|-----------------------------|
| Fast 1: _____ seconds | velocity: _____ feet/second |
| Fast 2: _____ seconds | velocity: _____ feet/second |
| Slow 1: _____ seconds | velocity: _____ feet/second |
| Slow 2: _____ seconds | velocity: _____ feet/second |

Average site velocity: Total _____/4 = _____ feet/second

Site Sketch (See next page...)

Site Sketch

Sketch major features and mark areas from which samples were taken in the stream reach.

A large, empty rectangular box with a thin black border, intended for a site sketch. It occupies the majority of the page below the instructions.