Complete both pages for each bank (left or right) for each stream reach (evaluation area). Characterize the entire reach. Use a separate page for the other bank. Please refer to handbook for explanations and clarifications of questions.

Section 1: Background Information

1. Date of this assessment: ________________
2. Name of person(s) doing assessment: ___________________________________________
3. GPS Unit Number used for taking these waypoints? ____________________________
4. Reach location description: ___________________________________________________
   __________________________________________________________________________
5. Length of reach: _____ ft
6. Upstream GPS Waypoint #: _______ Downstream GPS Waypoint #: ____________
7. As you complete the data sheets, take GPS points and photographs of any interesting or unusual features. Use the space below to identify the feature.

<table>
<thead>
<tr>
<th>GPS Point</th>
<th>Photo #</th>
<th>Feature Description</th>
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<tbody>
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</table>

8. Comments/observations about reach: ____________________________________________

Section 2: Stream Characteristics (not all questions are given points)

1. Average Stream width (at bankfull): _____ ft
2. Average Bank Height (circle one only for the bank you are describing):
   a) 0-2 ft    b) >2-5 ft    c) >5-8 ft    d) >8 ft
3. Bank slope (circle one):
   a) Undercut or greater than 90°  b) Vertical /90°
   c) Greater than or equal to 45°  d) Less than 45°
4. Predominant bank cover (circle one only for the bank you are describing):
   a) Greater than 90% vegetated (add 25 pts)  b) 70-89% vegetated (add 15 pts)
   c) 50-69% vegetated (add 10 pts)  d) 0-49% vegetated (add 0 pts)
5. Is there rock rip-rap, concrete, metal, or other stabilizing structures on the bank?
   a) No (add 15 pts)  b) Less than 20% (add 5 pts)  c) Greater than 20% (add 0 pts)
6. Is there evidence of erosion? (Circle one)
   a) No bank erosion (add 15 pts)  b) Minor undercutting (add 10 pts)
   c) Manmade or livestock disturbance (add 5 pts)  d) Major undercutting (add 2 pts)
   e) Bank collapse/slumping (add 0 pts)
7. Is there new deposition of sediments/sand bars? (Circle one) Yes __________ No
8. Are trees hanging over the stream? (Keeps the water cooler). (Circle one)
   a) 11 or more (add 20 pts)  b) 1-10 trees (add 15 pts)
   c) None (add 0 pts)
9. Are trees or large branches in the stream? (These create variety in the stream habitat.)
   a) 4-6 (add 15 pts)  b) 1-3 (add 5 pts)
   c) 7 or more (add 0 pts)  d) None or if some are acting as debris plugs (add 0 pts)
10. Are there any ditches, tributaries, pipes, or swales entering the stream? (circle all that apply)
11. Overall bank stability: Rank on scale of 1(least stable) to 10 (most stable)

TOTAL POINTS for STREAM CHARACTERISTICS ...........................................______/100
Section 3: Zone 1 - the area 0-15 ft from the stream

1. What is the most common land cover in Zone 1? (Circle one) 1. +
   a) Trees (add 20 pts) b) Shrubs (add 15 pts) c) Wild open meadow (add 5 pts)
   d) Thick grass/hayland (add 3 pts) e) Ag. Crops or pasture (add 2 pts) f) Gravel (1 pt)
   g) Exposed soil (add 0 pts) h) Impervious surface (add 0 pts) i) Lawn (add 0 pts) j) Other ________

2. Are trees present in Zone 1? 2. +
   a) Densely vegetated with trees (add 10 pts) b) Moderately vegetated (add 5 pts)
   c) Sparsely vegetated (add 3 pts) d) No trees (add 0 pts)

3. If you answered choice (a) or (b) to question 2, how high is the average height of the trees? 3. +
   a) The buffer tree height is as tall as the stream is wide (add 5 pts) OR
   b) The buffer tree height is 1/2 the stream width (add 3 pts)

4. Is the buffer located on the east or south side of the stream and:
   a) Densely vegetated w/ trees (add 5 pts) b) Moderately vegetated w/ trees (add 3 pts)
   c) Sparsely vegetated w/ trees (add 1 pt)

5. Are shrubs present in Zone 1? 5. +
   a) Densely vegetated with shrubs (add 10 pts) b) Moderately vegetated with shrubs (add 5 pts)
   c) Sparsely vegetated with shrubs (add 3 pts) d) No shrubs (add 0 pts)

6. Do grass and small plants (not including lawn) cover the ground in Zone 1? 6. +
   a) Full cover (98% or better) (add 5 pts) b) Partial cover (50-97%) (add 2 pts)
   c) Spotty cover (add 1 pt) d) No grass (add 0 pts)

7. Is there evidence of stream bank tree throw? (falling trees due to undercutting) 7. +
   a) No or 1 tree throw (add 5 pts) b) More than 1 (add 0 pts)

8. Is there impervious surface in Zone 1? 8. +
   a) No (add 20 pts) b) 1-10% (add 10 pts) c) 11-25% (add 7 pts)
   d) 26-50% (add 2 pts) e) 51-75% (add 1 pt) f) 76-100% (add 0 pts)

   a) No (add 10 pts) b) Selective harvest leaving > 20% (add 5 pts)
   c) High grading (add 2 pts) d) Clear cut (add 0 pts)

10. Is there active land conversion away from forested buffer? 10. +
    a) No (add 10 pts) b) Selective harvest leaving > 20% (add 5 pts)
    c) High grading (add 2 pts) d) Clear cut (add 0 pts)

TOTAL OF ZONE 1 .......................................................... ________/ 100

Section 4: Zone 2 - the area 15-100 ft from the stream

1. What is the most common land cover in Zone 2? (Circle one) 1. +
   a) Trees (add 20 pts) b) Shrubs (add 15 pts) c) Wild open meadow (add 5 pts)
   d) Thick grass/hayland (add 3 pts) e) Ag. Crops or pasture (add 2 pts) f) Gravel (1 pt)
   g) Exposed soil (add 0 pts) h) Impervious surface (add 0 pts) i) Lawn (add 0 pts) j) Other ________

2. What is the second most common land cover in Zone 2? 2. +
   (Must be greater than 10% of land cover to qualify. If no secondary cover, add 0 points)
   a) Trees (add 10 pts) b) Shrubs (add 7 pts) c) Wild open meadow (add 5 pts)
   d) Thick grass/hayland (add 3 pts) e) Ag. Crops or pasture (add 2 pts) f) Gravel (add 1 pt)
   g) Exposed soil (add 0 pts) h) Impervious surface (add 0 pts) i) Lawn (add 0 pts) j) Other ________

3. What is the predominate slope of Zone 2? 3. +
   a) Mostly flat (add 5 pts) b) Medium grade (add 3 pts) c) Very steep (add 0 pts)

   a) 0-3% (add 10 pts) b) 4-10% (add 7 pts) c) 11-25% (add 5 pts)
   d) 26-50% (add 2 pts) e) 51-75% (add 1 pt) f) 76-100% (add 0 pts)

5. Are there signs of a recent timber harvest in Zone 2? 5. +
   a) No (add 5 pts) b) Selective harvest leaving > 20% (add 3 pts)
   c) High grading (add 1 pt) d) Clear cut (add 0 pts)

   a) No (add 5 pts) b) Selective harvest leaving > 20% (add 3 pts)
   c) High grading (add 1 pt) d) Clear cut (add 0 pts)

TOTAL OF ZONE 2 .......................................................... ________/50

Section 5: Additional Points

1. Are there restoration efforts in place in either zone? 1. +
   a) Yes (add 10 pts) b) No (add 0 pts)

2. Is total of zone 1 is equal to or greater than 85 and the total zone 2 is equal or greater than 42 and the buffer is continuous over 2 or more stream segment lengths (12 times the stream bed width) up stream? 2. +
   a) Yes (add 10 pts) b) No (add 0 pts)

TOTAL (not including stream characteristics) ..............................................