

**Monitoring Transect Data Form—Native Perennial Grass Foliar Absolute Cover (%--Line Point)**

Samplers: \_\_\_\_\_ Recorder: \_\_\_\_\_

Property Name: \_\_\_\_\_ Date: \_\_\_\_\_ Plot ID: \_\_\_\_\_

GPS Datum: \_\_\_\_\_ GPS Coordinates: \_\_\_\_\_ Transect Length: 25m

Transect Bearing: \_\_\_\_\_ Site Slope %: \_\_\_\_\_ Site Aspect: \_\_\_\_\_

Line m	Point (✓=hit)	
	.5m	1m
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
# hits		
% cov		

**Vegetation Description**

Vegetation Alliance Name \_\_\_\_\_

Size of Stand--<1 acre (ha) \_\_\_ 1-5 acres (ha) \_\_\_ >5 acres (ha) \_\_\_

Adjacent Alliance Names \_\_\_\_\_

Common Plant Species:

**Foliar Absolute Cover** = the actual proportion of the ground surface covered by a vertical projection of foliage (by single species or defined group of species) as viewed from above; applications to herbaceous foliage usually refer to any standing (attached to a living plant, and not lying on the ground) plant part, whether live or dead; this definition excludes litter and other separated plant material, but includes mosses, lichens, and recognizable cryptogamic crusts; applications to woody foliage usually refer to a generalized canopy (including spaces between plant parts), in part because it is difficult to view them from above.

**Measurement Method (Native Perennial Grass Foliar Absolute Cover):**

1. Select the sampling area and number of sampling units; randomly or systematically select the sampling units, and their center points.
2. For each sample unit, find the central point of the sampling unit; establish a permanent marker at that point; randomly or systematically select a compass direction, and lay out a 25 meter tape marking the transect with stakes to hold the tape taut.
3. Walking on the downhill (or left) side, use a vertical point at each half-meter on the uphill (or right) side of the tape to identify the top hit of any plant species.
4. Record a "hit" if the top (highest) hit is a native perennial grass; if the top hit is any other kind of plant, then do not record the hit.