

## Missouri Wildlife Habitat Appraisal Guide Riparian Community Model

**Applicant(s):** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Farm Number:** \_\_\_\_\_ **Tract Number:** \_\_\_\_\_ **Field Number(s):** \_\_\_\_\_ **County:** \_\_\_\_\_

**Instructions:** Answer each of the questions (1 - 5) below by circling the appropriate points for both the existing and planned conditions.

	Points if Existing	Points if Planned
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### Width of Riparian Zone Providing Resource Protection

		Points if Existing	Points if Planned
(1)	One side from active edge of channel		
	More than 100 feet	10	10
	75 to 100 feet	6	6
	50 to 75 feet	4	4
	Less than 50 feet	0	0

**Width of Riparian Zone Providing Resource Protection Points**

### Riparian Zone Plant Composition

		Points if Existing	Points if Planned
(2)	Predominantly Native trees and shrubs	10	10
	Predominantly shrubs and herbaceous plants	5	5
	Mostly herbaceous plants	1	0

**Riparian Zone Plant Composition Points**

### Grazing Pressure

		Points if Existing	Points if Planned
(3)	None	10	10
	Grazed	0	0

**Grazing Pressure Points**

### Crown Canopy Coverage

		Points if Existing	Points if Planned
(4)	50 to 75%	10	10
	Less than 50%, or more than 75%	5	5
	Zero	0	0

**Crown Canopy Coverage Points**

### Alternate Water Supply Present

		Points if Existing	Points if Planned
(5)	Yes and livestock is excluded from the riparian area, or no livestock present	10	10
	No, or livestock present	0	0

**Alternate Water Supply Present Points**

**Total Points Planned and Existing (Maximum score possible is 50) =**

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### Scoring

(6) Existing Index = Total Existing Points/50 (50 is the maximum possible score)  
Total existing points = \_\_\_\_\_

**Existing Index =** \_\_\_\_\_

(7) Planned Index = Total Planned Score/50 (50 is the maximum possible score)  
Total planned score = \_\_\_\_\_

**Planned Community Type Index =** \_\_\_\_\_

\_\_\_\_\_  
Planner:

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Landowner:

\_\_\_\_\_  
Date:

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