



## ANM05 - Montana Supplement

### Extending Riparian Forest Buffers for Water Quality Protection and Wildlife Habitat – (Animal Enhancement Activity)

#### Montana Clarification

This enhancement is available to widen an existing riparian forest buffer that already meets NRCS standards and averages a minimum of 35 feet wide. If the existing width is variable, the planner will use the average width. Where field boundaries prohibit extending the buffer to 60 feet, the planner may GPS the existing riparian forest buffer boundary and the proposed location of the boundary, import this information into Toolkit and determine the area.

To determine actual area to be added, subtract the existing riparian forest buffer width from 60 feet. Multiply this value by the length of the buffer and divide by 43560 to determine acreage. See example below.

For additional information on planning riparian forest buffers contact your local NRCS field office and request a copy of MT-391 Riparian Forest Buffer.

#### Montana Specifications

The Montana minimum width for an existing riparian forest buffer for ANM05 is 35 feet; the existing riparian forest buffer (that meets NRCS standards) would need to be extended an additional 25 feet to meet the 60 feet minimum width to qualify for this enhancement.

List of suitable trees and shrubs:

COMMON NAME	SCIENTIFIC NAME
<b>TREE (CONIFER)</b>	
Engelmann Spruce	<i>Picea engelmannii</i>
White Spruce	<i>Picea glauca</i>
Subalpine Fir	<i>Abies lasiocarpa</i>
Western Redcedar	<i>Thuja plicata</i>
Ponderosa Pine	<i>Pinus ponderosa</i>
Douglas Fir	<i>Pseudotsuga menziesii</i>
Western Larch	<i>Larix occidentalis</i>
Grand Fir	<i>Abies grandis</i>
Rocky Mountain Juniper	<i>Juniperus scopulorum</i>

COMMON NAME	SCIENTIFIC NAME
<b>TREE (DECIDUOUS)</b>	
Plains Cottonwood	<i>Populus sargentii</i>
Black Cottonwood	<i>Populus trichocarpa</i>
Narrowleaf Cottonwood	<i>Populus angustifolia</i>
Green Ash	<i>Fraxinus pennsylvanica</i>
Black Hawthorne	<i>Crataegus douglasii</i>
Mountain Maple	<i>Acer glabrum</i>
Quaking Aspen	<i>Populus tremuloides</i>
Water Birch	<i>Betula occidentalis</i>
Thinleaved Alder	<i>Alnus incana</i>
Boxelder	<i>Acer negundo</i>

COMMON NAME	SCIENTIFIC NAME
<b>SHRUB</b>	
American Plum	<i>Prunus americana</i>
Native Willows	<i>Salix</i> spp.
Big Sagebrush	<i>Artemisia tridentata</i>
Silver Sagebrush	<i>Artemisia cana</i>
Blue Elderberry	<i>Sambucus coerulea</i>
Skunkbush Sumac	<i>Rhus trilobata</i>
Common Chokecherry	<i>Prunus virginiana</i>
Redosier Dogwood	<i>Cornus sericea</i>
Silver Buffaloberry	<i>Sherpherdia argentea</i>
Common Snowberry	<i>Symphoricarpos albus</i>
Wood's Rose	<i>Rosa woodsii</i>
Serviceberry	<i>Amelanchier alnifolia</i>
Golden Currant	<i>Ribes aureum</i>
Silverberry	<i>Elaeagnus commutata</i>

### **Incompatible Enhancements**

This enhancement may not be contracted with the following enhancements:

For cropland: ANM04, ANM06, ANM07, ANM08, ANM19, PLT01, PLT08, WQT06

For pasture: ANM04, ANM06, ANM07, ANM08, ANM19, PLT01, WQT06

For range: none

### **Eligible Land**

Crop, pasture and rangeland

### **Applicable Amount**

Length of existing buffers x the difference between the minimum width of 60 feet and the state width for water quality.

### **Example (Actual)**

These applicable acres can be on cropland, pastureland or rangeland. If a participant has 250 feet of existing riparian forest buffer that “average” 35 feet wide; to meet the 60 foot requirement (60-35 = 25’) the potential applicable acres would be calculated as (250 x 25)/43,560 or 0.14 acres. If the participant planned to widen only half the existing riparian forest buffer, the actual acres would be 0.07 acres (120 x 25)/43560. Planting the additional filter strip width in Year 2, the Toolkit plan would look like the following:

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
<b>ANM05</b>	0	0.07	0		

### **Documentation Requirements**

1. A map showing the location and size of enhanced riparian forest buffers.
2. Documentation of the type and rates of vegetation planted in the new riparian forest buffers.

I acknowledge that I have read and understand all that is required for the implementation of this CSP Enhancement Activity.

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Contract participant

\_\_\_\_\_  
Date