

Riparian Forest Buffer – Job Sheet PA391

Landowner _____ Location/ Field Numbers _____

Definition: Riparian forest buffers are areas of predominantly trees and/or shrubs located adjacent to and up-gradient from watercourses or water bodies. Dominant vegetation in the buffers consists of native species of trees and/or shrubs. General requirements and purpose-specific requirements are found in the practice standard. Additional site-specific requirements may be listed on a separate specifications sheet and/or on this job sheet.



Design Requirements:

Purpose (check all that apply) Riparian forest buffers can significantly improve surface and/or shallow ground water quality, lower water temperature, and restore terrestrial and aquatic habitats.	
<input type="checkbox"/> Reduce excess sediment, organic material, nutrients, and pesticides in surface and/or shallow ground water (50 ft. min. width or 35 ft. min. width <u>plus</u> Filter Strip)	<input type="checkbox"/> Create shade to lower or maintain water temperature <input type="checkbox"/> Restore native plant communities
<input type="checkbox"/> Other water quality purposes (35 ft. min. width)	<input type="checkbox"/> Increase carbon storage in plants and soils

Layout	
Stream or Water Body name/description:	
Minimum buffer zone widths (ft) – Specify left and right of stream, facing downstream (use only left for water body).	
Trees or Trees & Shrubs	Filter Strip (Refer to Filter Strip Job Sheet)
Left: _____ ft. Right: _____ ft.	Left: _____ ft. Right: _____ ft.
Buffer length: _____ ft.; Buffer acres: _____ ac. + Filter Strip acres: _____ ac. = TOTAL acres: _____ ac.	
Additional location and layout requirements:	

Woody Plant Materials Information				
Species/cultivars:	Plants/acre	Kind of stock ¹	Planting dates	Avg. Spacing ²
Trees				
1				
2				
3				
4				
5				
TOTAL				

¹Bareroot, Container, Cutting, Seed; include size, stem dia., height, and age as applicable. ²Spacing between plants that matches Plants/acre.

Woody Plant Materials Information (cont'd.)				
Species/cultivars:	Plants/acre	Kind of stock ¹	Planting dates	Avg. Spacing ²
Shrubs				
1				
2				
3				
4				
5				
TOTAL				

¹BAreroot, COntainer, CUtting, Sseed; include size, stem dia., height, and age as applicable. ²Spacing between plants that matches Plants/acre.

Herbaceous Plants Materials Information (Filter Strip, also refer to Filter Strip Job Sheet)				
Species/cultivars:	lbs/acre ¹		Seeding dates	
Grasses				
1		--		--
2				
3		--		--
Forbs				
1		--		--
2		--		--
3		--		--

¹Pure Live Seed (PLS)

Installation Requirements:

<p>Site Preparation</p> <p>Mow the existing vegetation and/or apply herbicide where trees or shrubs will be planted (at least 4 ft. dia. around each seedling). Additional requirements:</p>
<p>Planting Methods</p> <p>Plant seedlings so root collar is at or just below the ground surface, in holes deep and wide enough to fully extend the roots. Pack the soil firmly around each plant. Additional requirements:</p>
<p>Operation and Maintenance</p> <p>The riparian forest buffer will be inspected periodically and protected from adverse impacts that may occur from activities such as vehicular and pedestrian traffic, pest infestations (damaging weeds, insects, fungi, etc.), concentrated flows, pesticides, livestock or wildlife damage and fire. Replacement of dead trees or shrubs and control of competing vegetation will continue until the buffer is, or will progress to, a fully functional condition. Maintain tree shelters, including stakes and nets, when installed.</p>

If needed, an aerial view or a side view of the practice can be drawn on an attached document to further illustrate the requirements or accurately show the location of the practice installation. Other relevant information, complementary practices and measures, and additional specifications may be included below or on an attached specification sheet.

<p>Additional Specifications and Notes:</p>
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Check Out and Certification Requirements:

I certify that the above Design and Installation requirements have have not been met in accordance with the criteria of the NRCS PA Conservation Practice Standard PA 391. The total extent in acres _____ of this practice installed (including adjacent Filter Strip, when applicable) on the locations covered by this job sheet were installed on the date (s) of _____.

Signature of Designated Conservationist or Technical Service Provider

Date