

**Conservation Effects**

**Land use:** Forest

**Guidance Document ID#:** F1

page 1 of 2

**Resource Setting:** Woodlot adjacent to surface water.

**RMS Alternative #2**

Grade Stabilization Structure (410)

Heavy Use Area Protection (561)

Pest Management (595)

Riparian Forest Buffer (391)

Streambank and Shoreline Protection (580)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
<b>SOIL Erosion</b>		
1) Classic gully/concentrated flow erosion	Grade Stabilization Structure (410)	gullies stabilized
2) Other erosion	Heavy Use Area Protection (561) Streambank and Shoreline Protection (580)	areas stabilized
<b>WATER Quality – ground water</b>		
1) Pesticides	Pest Management (595)	pesticide movement minimized
<b>WATER Quality – surface water</b>		
1) Pesticides	Pest Management (595) Riparian Forest Buffer (391)	pesticide movement minimized
2) Nutrients/sediments	Grade Stabilization Structure (410) Heavy Use Area Protection (561) Riparian Forest Buffer (391)	Nutrient and sediment movement minimized.
<b>WATER Quantity – no concern</b>		
<b>AIR</b>		
1) Airborne Chemical Drift	Pest Management (595)	Application in compliance with laws and consistent with Drift Management Plan.
<b>PLANTS</b>		
1) Invasive species and noxious weeds	Pest Management (595)	Invasive species and noxious weeds controlled.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

\* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
<b>ANIMAL Habitat</b>		
1) Wildlife Habitat – secondary purpose	Tree/Shrub Establishment (612) Use Exclusion (472)	Must plant at least 3 species and exclude livestock from the woodlot to provide a Woodland Habitat Index above 0.35.
2) Warmwater and coldwater fisheries	Riparian Forest Buffer (391)	35 feet of permanent vegetation along watercourses
<b>ANIMAL Management</b>		
1) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

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