

Conservation Effects

Land use: Hay

Guidance Document ID#: H1

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Resource Setting: Hay adjacent to surface water. Manure applied

RMS Alternative #2

Critical Area Planting (342)

Filter Strip (393)

Forage Harvest Management (511)

Grade Stabilization Structure (410)

Heavy Use Area Protection (561)

Nutrient Management (590)

Pest Management (595)

Riparian Forest Buffer (391)

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
SOIL Erosion		
1) Sheet & rill erosion	Critical Area Planting (342)	soil loss less than "T"
2) Wind erosion	Critical Area Planting (342)	soil loss less than "T"
3) Ephemeral gully/concentrated flow erosion	Critical Area Planting (342) Heavy Use Area Protection (561)	gullies stabilized
4) Classic gully/concentrated flow erosion	Grade Stabilization Structure (410)	gullies stabilized
5) Other erosion	Heavy Use Area Protection (561)	areas stabilized
WATER Quality – ground water		
1) Pesticides	Pest Management (595)	pesticide movement minimized
2) Nutrients	Nutrient Management (590)	nutrient movement minimized
WATER Quality – surface water		
1) Pesticides	Filter Strip (393) Pest Management (595) Riparian Forest Buffer (391)	pesticide movement minimized
2) Livestock operations	Filter Strip (393) Nutrient Management (590) Riparian Forest Buffer (391)	Manure and nutrient movement minimized.
3) Nutrients/sediments	Filter Strip (393) Grade Stabilization Structure (410) Nutrient Management (590) Riparian Forest Buffer (391)	Nutrient and sediment movement minimized.
WATER Quantity – no concern		
AIR		
1) Airborne Chemical Drift	Pest Management (595)	Application in compliance with laws and consistent with Drift Management Plan.

* 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
2) Airborne Odors		No complaints.
PLANTS		
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.
ANIMAL Habitat		
1) Wildlife Habitat secondary purpose	Forage Harvest Management (511)	Harvested after July 1 and 8"-12" winter height provides a Herbaceous Cover Habitat Index of 0.35 or more.
2) Warmwater and coldwater fisheries	Riparian Forest Buffer (391)	35 feet of permanent vegetation along watercourses
ANIMAL Management		
1) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

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