

Resource Setting: Hay adjacent to surface water. Manure applied.

RMS Alternative #1

Diversion (362)
Filter Strip (393)
Grade Stabilization Structure (410)
Nutrient Management (590)
Pasture and Hayland Planting (512)
Pest Management (595)
Riparian Forest Buffer (391)
Streambank and Shoreline Protection (580)

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)

RMS Alternative #3

Typical Resource Concerns	Practices that can effectively treat the resource concern*
SOIL Erosion	
1) Sheet & rill erosion	Critical Area Planting (342) Heavy Use Area Protection (561) Pasture and Hayland Planting (512)
2) Wind erosion	Critical Area Planting (342) Pasture and Hayland Planting (512) Windbreak/Shelterbelt Establishment (380)
3) Ephemeral gully/concentrated flow erosion	Critical Area Planting (342) Diversion (362) Field Border (386) Heavy Use Area Protection (561) Grassed Waterway (412) Pasture and Hayland Planting (512) Water and Sediment Control Basin (638)
4) Classic gully/concentrated flow erosion	Diversion (362) Grade Stabilization Structure (410) Lined Waterway or Outlet (468) Water and Sediment Control Basin (638)
5) Other erosion	Heavy Use Area Protection (561) Stream Channel Stabilization (584) Streambank and Shoreline Protection (580) Stream Crossing and Livestock Access (728)
WATER Quality – ground water	
1) Pesticides	Pest Management (595) Well Decommissioning (351)
2) Nutrients	Nutrient Management (590) Well Decommissioning (351)

* 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	Practices that can effectively treat the resource concern *
WATER Quality – surface water	
1) Pesticides	Field Border (386) Filter Strip (393) Pest Management (595) Riparian Forest Buffer (391)
2) Livestock operations	Constructed Wetland (656) Field Border (386) Filter Strip (393) Filter Strip – Animal Waste Management (780) Nutrient Management (590) Riparian Forest Buffer (391) Stream Crossing & Livestock Access (728)
3) Nutrients/ sediments	Field Border (386) Filter Strip (393) Grade Stabilization Structure (410) Grassed Waterway (412) Heavy Use Area Protection (561) Irrigation Water Management (449) Nutrient Management (590) Riparian Forest Buffer (391) Riparian Herbaceous Cover (390) Stream Channel Stabilization (584) Stream Habitat Improvement and Management (395)
WATER Quantity – no concern	
AIR	
1) Airborne Chemical Drift	Pest Management (595)
2) Airborne Odors	
PLANTS	
1) Invasive species and noxious weeds	Pest Management (595)
2) Threatened and endangered species	Pest Management (595) Stream Habitat Improvement and Management (395) Upland Wildlife Habitat Management (645)
ANIMAL Habitat	
1) Wildlife Habitat secondary purpose	Conservation Cover (327) Early Successional Habitat Development /Mgt(647) Forage Harvest Management (511) Pasture & Hayland Planting (512) Restoration and Mgt. Of Declining Habitats (643) Upland Wildlife Habitat Management (645)
2) Warmwater and coldwater fisheries	Riparian Forest Buffer (391)
ANIMAL Management	
1) Threatened and endangered species	Pest Management (595) Upland Wildlife Habitat Management (645)

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