

MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pastureland Resource Setting No. _____ MLRA 90 FIELD OFFICE _____

Resource Setting: Owner objectives – increase and improve forage production in a grazing system.
 Soils-Fine sandy loams on gently sloping to nearly level slopes.
 Vegetation-Existing vegetation is overgrazed, low producing bluegrass with some quackgrass and weedy forbs.
 Resource concerns-Erosion and reduced upland bird habitat resulting from overgrazing. Also of concern is the impact on adjacent streams due to limited livestock water sources.

REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS

Resource:	Soil	Water	Plants			Animals		
	Concentrated Flow Erosion	Surface Contamination Nutrients/ Organics	Production	Establish Growth Harvest	Cover (Wildlife)	Water (livestock)	Food (wildlife) (livestock)	
	A-1-c	B-2-h	D-2-a	D-3-a	E-1-b	E-1-c	E-1-a	
RMS # 1 Practice # And Name:								
556-Plan Graze System	SLI+	MOD+	SIG+	SIG+	MOD+	MOD+	SIG+	
510-Past/Hay Mgmt.	SLI+	MOD+	SIG+	SIG+	MOD+	MOD+	SIG+	
645-Wildlife Upland Mgmt	SLI+	SLI+	SLI+	SLI+	SIG+	SIG+	SIG+	
378-Pond	NEG	SLI+	F	SLI+	SLI+	SIG+	MOD+	
590d-Nutrient Management	MOD+	SLI+	MOD+	SIG+	MOD+	NEG	MOD+	
516-Pipeline	F	F	F	F	F	F	F	
614-Trough	F	F	F	F	F	F	F	

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MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pastureland Resource Setting No. 2 MLRA 88 FIELD OFFICE _____

Resource Setting: Owner objectives – establishment and maintenance of high quality pasture and reduce the impact of the livestock on adjacent surface waters. Soils-medium to fine textured imperfectly drained soils on nearly level slopes. Vegetation-existing vegetation consists of low producing sedges, weeds, and bluegrass. Resource concerns – overgrazing of forage resource, pollution of adjacent streams, and wetland areas.								
REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS								
Resource:	Soil	Water	Plants			Animals		
	Erosion/ Stream bank	Surface Contamination Nutrients/ Organics	Suitability	Product.	Establish Growth Harvest	Food (livestock)	Cover and Shelter (wildlife)	Water (livestock)
	A-1-e	B-2-h	D-1-b	D-2-a	D-3-a	E-1-a	E-1-b	E-1-c
RMS # 1 Practice # And Name:								
510-Past/Hay Mgmt.	MOD+	MOD+	SIG+	SIG+	SIG+	SIG+	MOD+	SIG+
512-Past/Hay Planting	SIG+	SIG+	SIG+	SIG+	SIG+	SIG+	MOD+	SIG+
382-Fencing	F	F	F	F	F	F	F	F
515-Pipeline	F	F	F	F	F	F	F	F
614-Trough	F	F	F	F	F	F	F	F
556-Planned Grazing System	SIG+	MOD+	SIG+	SIG+	SIG+	SIG+	MOD+	MOD+
378-Pond	SIG+	MOD+	NA	F	F	SIG+	MOD+	SIG+
645-Wildlife Upland Management	SLI+	SLI+	SLI+	SLI+	SLI+	SLI+	SLI+	SLI+

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____

MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pastureland Resource Setting No. 1 MLRA 57 FIELD OFFICE Mahnomen

Resource Setting: Soil Floodplain soils, frequently flooded. This is permanent pasture. Streambank erosion is occurring. Objectives are to maintain forage and increase diversity of wildlife.								
REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS								
Resource:	Soil	Water	Plants					
	Stream bank Erosion	Suspended Sediment	Plant Adapt.	Plant Suitability	Plant Production	Plant Health	Plant Establishment	
	A-1-e	B-2-1	D-1-a	D-1-b	D-2-a	D-2-b	D-3-a	
RMS # 1 Practice # And Name:								
580-Streambank Protection	SIG+	SIG+	SIG+	MOD+	NEG	NEG	NEG	
510-Past/Hay Mgmt.	SLI+	SLI+	NA	SIG+	SIG+	SIG+	SIG+	
512-Pasture/Hayland Planting	SLI+	SLI+	SIG+	SIG+	SIG+	SIG+	SIG+	
472-Livestock Exclusion	SIG+	SIG+	NA	MOD+	MOD+	MOD+	SIG+	
393-Filter Strip	MOD+	SIG+	SIG+	SIG+	NEG	NEG	NA	
645-Wild Upland Habitat	SLI+	SLI+	SLI+	SLI+	SLI+	SLI+	SLI+	
644-Wild Wetland Management	SLI+	SLI+	SLI+	SLI+	SLI+	SLI+	SLI+	
556-Planned Grazing System	MOD+	MOD+	SIG+	MOD+	MOD+	MOD+	MOD+	

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____

MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pastureland Resource Setting No. 1 MLRA 57 FIELD OFFICE Mahnomen

Resource Setting:								
REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS								
Resource:	Animal (Wildlife)			(livestock)				
	Food E-1-a	Cover E-1-b	Population E-2-a	Food E-1-a	Cover E-1-b	Population E-2-a		
RMS # 1 Practice # And Name:								
580-Streambank Protection	MOD+	MOD+	MOD+	MOD+	NEG	NA		
510-Past/Hay Mgmt.	MOD+	MOD+	SIG+	SIG+	SLI+	SIG+		
512-Pasture/Hayland Planting	MOD+	MOD+	SIG+	SIG+	SLI+	SIG+		
472-Livestock Exclusion	MOD+	MOD+	MOD+	NEG	NEG	SLI+		
393-Filter Strip	MOD+	MOD+	SLI+	NA	NA	NA		
645-Wild Upland Habitat	SIG+	SIG+	MOD+	NA	NA	NA		
644-Wild Wetland Management	SIG+	SIG+	MOD+	NA	NA	NA		
556-Planned Grazing System	MOD+	MOD+	MOD+	SIG+	SIG+	SIG+		

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____

MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pasture Resource Setting No. 2 MLRA 56 FIELD OFFICE Red Lake Falls

Resource Setting: Major soil type: Fine Sandy Loam, "T" values 86 to 134, "T" = 5 t/ac/yr, Slope Range: 0-2%. Vegetation Predominately cool season grasses with woody vegetation in the low areas. Pasture condition considered POOR. Producers' objectives: Increase Pasture Condition from Poor to Good. This area will be managed for wildlife.

REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS

Resource: PASTURE	Water	Plants						
	Surface Contaminati on Nuts. And Organic	Suitability	Production	Health & vigor	Establish Growth & Harvest	Nutrient Manage.		
RMS # 2 Practice # And Name:	B-2-h	D-1-b	D-2-a	D-2-b	D-3-a	D-3-b		
556-Planned Grazing System	MOD+	MOD+	SIG+	MOD+	SIG+	SIG+		
382-Fencing	F	F	F	F	F	F		
642-Well	MOD+	SLI+	SIG+	SIG+	SIG+	SIG+		
510-Pasture & Hayland Mgmt.	MOD+	MOD+	SIG+	SIG+	SIG+	SIG+		
614-Through and Tank	F	F	F	F	F	F		
516 Pipeline	F	F	F	F	F	F		
645-Upland Wildlife Mgmt	MOD+	NEG	NEG	SLI+	NEG	SLI+		

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Landuse Type Pasture Resource Setting No. 2 MLRA 56 FIELD OFFICE Red Lake Falls

Resource Setting: Major soil type: Fine Sandy Loam, "T" values 86 to 134, "T" = 5 t/ac/yr, Slope Range: 0-2%. Vegetation Predominately cool season grasses with woody vegetation in the low areas. Pasture condition considered POOR. Producers' objectives: Increase Pasture Condition from Poor to Good. Woods dominate approximately 20 acres in Northwest corner. This area will be managed for wildlife.							
REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS							
Resource: PASTURE	Animals (Wildlife)			Animals (Livestock)			
	Food	Habitat Cover & Shelter	Management Population Resource/Balance	Food	Habitat Cover & Shelter	Management Population Resource/Balance	
	E-1-a	E-1-b	E-2-a	E-1-a	E-1-b	E-2-a	
RMS # 2 Practice # And Name:							
556-Planned Grazing System	SIG+	SIG+	SIG+	MOD+	MOD+	SLI+	
382-Fencing	F	F	F	F	F	F	
642-Well	SIG+	SIG+	SIG+	NEG	NEG	NEG	
510-Pasture & Hayland Mgmt.	MOD+	SLI+	MOD+	MOD+	MOD+	SL+	
614-Through and Tank	F	F	F	F	F	F	
516 - Pipeline	F	F	F	F	F	F	
645-Upland Wildlife Mgmt	SLI+	SLI+	SLI+	SIG+	SIG+	SIG+	

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____

MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pasture Resource Setting No. 1 MLRA 102a FIELD OFFICE _____

Resource Setting: This will be a cool season (smooth brome) pasture. The area has wet bottoms and steep upland slopes. This area is along a river where there is streambank erosion. There is an absentee landowner. Fencing is poor and the area hasn't been grazed for several years and patches of brush need control in this area.								
REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS								
Resource:	Soil		Water			Plants		Animals (Wild)
	Streambank Erosion	Compaction	Run-off/Flooding	Surface Contamination Nutrients	Surface Contamination Pathogens	Productive	Pest Management	Habitat – Cover or Shelter
	A-1-e	A-2-b	B-1-b	B-2-h	B-2-n	D-2-a	D-3-c	E-1-b
RMS # 1 Practice # And Name:								
314m-Brush Management	NEG	NEG	SLI+	NEG	NEG	SIG+	SIG+	MOD-
382-Fencing	F	F	F	F	F	F	F	F
556-Planned Grazing Sys.	MOD+	NEG	SLI+	SLI+	NEG	MOD+	MOD+	SLI+
510-Pasture/Hayland Mgmt	SLI+	MOD+	SLI+	SLI+	SLI+	SIG+	SIG+	SLI+
378-Pond	NEG	NEG	NEG	MOD-	MOD-	MOD+	NEG	SLI-
580-Streambank Protect	SIG+	NEG	SLI+	SLI+	NEG	NEG	NEG	MOD+
645-Wildlife Upland Management	NEG	MOD+	SLI+	MOD+	SLI+	MOD+	MOD+	SIG+

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____

MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pasture Resource Setting No. 1 MLRA 102a FIELD OFFICE _____

Resource Setting: This will be a cool season (smooth brome) pasture. The area has wet bottoms and steep upland slopes. This area is along a river where there is streambank erosion. There is an absentee landowner. Fencing is poor and the area hasn't been grazed for several years and patches of brush need control in this area.								
REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS								
Resource:	Animals (Livestock)							
	Habitat Water	Population/ Balance						
	E-1-c	E-2-a						
RMS # 1 Practice # And Name:								
314m-Brush Management	SLI-	MOD+						
382-Fencing	F	F						
556-Planned Grazing System	MOD+	MOD+						
510-Pasture/Hayland Mgmt	MOD+	MOD+						
378-Pond	SIG+	SIG+						
580-Streambank Protect	NEG	NEG						
645-Wildlife Upland Management	NEG	NEG						

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____

MINNESOTA TECHNICAL GUIDE SECTION III

Landuse Type Pastureland Resource Setting No. 1 MLRA 105 FIELD OFFICE _____

<p>Resource Setting: A severely overgrazed bluegrass pasture with low production of 1 – 2 AUM’s per acre, with moderate to severe broadleaf competition. Gullies are encroaching from the woodland with annual soil loss to gully head encroachment at 50 tons per year. The pasture is located on steep upland sites on blackhammer – Southridge soil types with land slopes 16-22%. This area is between the cropland further upland and the woodland further down the hill. Water availability for cattle is limited and usually only available from constructed farm ponds. The fences are in poor condition. The landowners objectives are to increase the amount of available forage and make the forage available for a longer period of time throughout the growing season, and make water available for better grazing distribution..</p>								
REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS								
Resource:	Soil			Water	Plants			
	Classic Gully	Compaction	Offsite/ Damage	Surface Turbidity	Suitability	Productive	Health & Vigor	
	A-1-d	A-2-b	A-3-b	B-2-i	D-1-b	D-2-a	D-2-b	
RMS # 2 Practice # And Name:								
382-Fencing	FAC	FAC	FAC	FAC	FAC	FAC	FAC	
378-Pond	SIG+	NEG	SLI+	NEG	N/A	SIG+	SIG+	
510-Pasture Mgmt	MOD+	SIG+	SLI+	SLI+	SIG	SIG+	SIG+	
566-Planned Grazing System	MOD+	SLI+	SLI+	MOD+	MOD+	MOD+	MOD+	
645-Upland Wildlife Mgmt	SLI+	MOD+	SLI+	MOD+	MOD+	MOD+	SIG+	
590a-Nutrient Management	SLI+	SLI+	SLI+	NEG	NEG	SIG+	SIG+	
595m-Pest Management	NEG	NEG	NEG	NEG	NEG	SLI+	SLI+	

MINNESOTA TECHNICAL GUIDE SECTION III

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REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS

Resource:	Plants			Animals				
	Growth & Harvest	Nutrient Management	Pest Management	Food	Water			
	D-3-a	D-3-b	D-3-c	E-1-a	E-1-c			
RMS # 2 Practice # And Name:								
382-Fencing	FAC	FAC	FAC	FAC	FAC			
378-Pond	SIG+	NA	NEG	MOD+	MOD+			
510-Pasture Management	SIG+	SIG+	SIG+	SIG+	SLI+			
566-Planned Grazing System	MOD+	MOD+	MOD+	NEG	NEG			
645-Upland Wildlife Mgmt	SIG+	MOD+	SLI+	SIG+	NEG			
590a-Nutrient Management	SIG+	MOD+	SLI+	SIG+	NEG			
595m-Pest Management	SIG+	NA	SIG+	MOD+	SLI+			

MINNESOTA TECHNICAL GUIDE SECTION III

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REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS

Resource:	Soil			Water	Plants			
	Classic Gully	Compaction	Offsite Damage	Surface Turbidity	Suitability	Production		
	A-1-d	A-2-b	A-3-b	B-2-i	D-1-b	D-2-a		
RMS # 1 Practice # And Name:								
362-Diversion	MOD+	NEG	SLI+	SLI+	NA	NEG		
410-Grade Stabilization	SIG+	NEG	MOD+	SIG+	NA	NA		
510-Pasture/Hayland Mgmt	MOD+	SIG+	SLI+	SLI+	SIG+	SIG+		
512-Pasture Planting	MOD+	SIG+	SLI+	SLI+	SIG+	SIG+		
645-Upland Wildlife Mgmt	SLI+	MOD+	SLI+	MOD+	MOD+	MOD+		
590a-Nutrient Management	SLI+	SLI+	SLI+	NEG	NEG	SIG+		
595c-Pest Management	NEG	NEG	NEG	NEG	NA	SLI+		

MINNESOTA TECHNICAL GUIDE SECTION III

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REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS

Resource:	Plants				Animals			
	Health & Vigor	Growth & Harvest	Nutrient Management	Pest Management	Food	Water		
	D-2-b	D-3-a	D-3-b	D-3-c	E-1-a	E-1-c		
362-Diversion	NEG	NEG	NA	SLI+	SLI+	SIG+		
410-Grade Stabilization	NEG	NEG	NEG	NEG	NEG	NEG		
510-Pasture/Hayland Mgmt	SIG+	SIG+	SIG+	SIG+	SIG+	SLI+		
512-Pasture Planting	SIG+	SIG+	SIG+	SIG+	SIG+	SLI+		
645-Upland Wildlife Mgmt	MOD+	MOD+	MOD+	MOD+	SIG+	SIG+		
590a-Nutrient Management	SIG+	SIG+	MOD+	SLI+	SIG+	NEG		
595-Pest Management	SLI+	SIG+	NA	SIG+	MOD+	SLI+		

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____

MINNESOTA TECHNICAL GUIDE SECTION III

Conservation Management System Options Worksheet

RESOURCE: Pasture MLRA 105 Setting # 1									
Considerations		Soil			Water	Plants			
CMS Options	Resource Problems	Classic Gully	Compaction	Offsite Damage	Surface Turbidity	Suitability	Production		
		A-1-d	A-2-b	A-3-b	B-1-i	D-1-b	D-2-a		
362-Diversion		MOD+	MOD+	NEG	NEG	NA	NEG		
410-Grade Stabilization		SIG+	NEG	MOD+	NA	NEG	NEG		
510-Pasture Management		MOD+	SIG+	SLI+	SLI+	SIG+	SIG+		
512-Pasture Planting		MOD+	SIG+	SLI+	MOD+	SIG+	SIG+		
645-Upland Wildlife Mgmt.		SLI+	MOD+	SLI+	MOD+	MOD+	MOD+		
590-Nutrient Management		SLI+	SLI+	SLI+	NEG	NEG	SIG+		
595c-Pest Management		NEG	NEG	NEG	NEG	NA	SLI+		

MINNESOTA TECHNICAL GUIDE SECTION III

Conservation Management System Options Worksheet

RESOURCE: Pasture MRLA 105 Setting # 1									
Considerations		Plants				Animals			
CMS Options	Resource Problems	Health Vigor & Growth	Establish & Growth	Nutrient Management	Pest Management	Food	Water		
		D-2-b	D-3-a	D-3-b	D-3-c	E-1-a	E-1-c		
362-Diversion	NEG	NEG	NA	SLI+	SLI+	SIG+			
410-Grade Stabilization	NEG	NEG	NEG	NEG	NEG	NEG	NEG		
510-Pasture Management	SIG+	SIG+	SIG+	SIG+	SIG+	SIG+	SLI+		
512-Pasture Planting	SIG+	SIG+	SIG+	SIG+	SIG+	SIG+	SLI+		
645-Upland Wildlife Mgmt	MOD+	MOD+	MOD+	MOD+	MOD+	SIG+	SIG+		
590a-Nutrient Management	SIG+	SIG+	MOD+	SLI+	SIG+	NEG			
595c-Pest Management	SLI+	SIG+	NA	SIG+	MOD+	SLI+			

MINNESOTA TECHNICAL GUIDE SECTION III

Conservation Management System Options Worksheet

RESOURCE: Pasture MRLA 105 Setting # 1									
Considerations		Soil			Water	Plant			
	Resource Problems	Classic Gully	Compaction	Offsite Damage	Surface Turbid	Suitability	Production.		
Practices		A-1-d	A-2-b	A-3-b	B-2-i	D-1-b	D-2-a		
362-Diversion		MOD+	MOD+	NEG	NEG	NA	NEG		
378-Pond		SIG+	NEG	SLI+	NEG	NA	SIG+		
352-Deferred Grazing		NEG	NEG	NEG	MOD+	MOD+	MOD+		
382-Fencing		FAC	FAC	FAC	FAC	FAC	FAC		
410-Grade Stabilization		SIG+	NEG	MOD+	SIG+	NEG	NEG		
412-Grassed Waterway		SIG+	NEG	SLI+	SLI+	SLI+	SLI+		
510-Pasture Management		MOD+	SIG+	SLI+	SLI+	SIG+	SIG+		
512-Pasture Planting		MOD+	SIG+	SLI+	MOD+	SIG+	SIG+		
528-Proper Grazing		MOD+	MOD+	SLI+	MOD+	MOD+	MOD+		
556-Planned Grazing System		MOD+	SLI+	SLI+	MOD+	MOD+	MOD+		
645-Upland Wildlife Mgmt.		SLI+	MOD+	SLI+	MOD+	MOD+	MOD+		
590a-Nutrient Management		SLI+	SLI+	SLI+	NEG	NEG	SIG+		
595c-Pest Management		NEG	NEG	NEG	NEG	NA	SLI+		

MINNESOTA TECHNICAL GUIDE SECTION III

685m-Pest Management	NEG	NEG	NEG	NEG	NA	SLI+		
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Conservation Management System Options Worksheet

RESOURCE: Pasture MRLA 105 Setting # 1								
Considerations	Plant	Animals						
Resource Problems	Health Vigor & Growth D-2-b	Establish & Growth D-3-a	Nutrient Management D-3-b	Pest Management D-3-c	Food E-1-a	Water E-1-c		
CMS Options								
362-Diversion	NEG	NEG	NA	SLI+	SLI+	SIG+		
378-Pond	SIG+	SIG+	NA	NEG	MOD+	MOD+		
352-Deferred Grazing	MOD+	MOD+	NA	SLI+	MOD+	MOD+		
382-Fencing	MOD+	MOD+	NA	FAC	FAC	FAC		
410-Grade Stabilization	NEG	NEG	NEG	NEG	NEG	NEG		
412-Grassed Waterway	SLI+	SLI+	NA	NEG	NEG	NEG		
510-Pasture Management	SIG+	SIG+	SIG+	SIG+	SIG+	SLI+		
512-Pasture Planting	SIG+	SIG+	SIG+	SIG+	SIG+	SLI+		
528-Proper Grazing	MOD+	SLI+	NA	SLI+	SIG+	MOD+		
556-Planned Grazing System	MOD+	MOD+	MOD+	MOD+	NEG	NEG		
645-Upland Wildlife Mgmt.	MOD+	MOD+	MOD+	MOD+	SIG+	SIG+		
590a-Nutrient Management	SIG+	SIG+	MOD+	SLI+	SIG+	NEG		
595c-Pest Management	SLI+	SIG+	NA	SIG+	MOD+	SLI+		

MINNESOTA TECHNICAL GUIDE SECTION III

685m-Pest Management	SLI+	SIG+	NA	SIG+	MOD+	SLI+		
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Landuse Type Pastureland Resource Setting No. _____ MLRA 90 FIELD OFFICE _____

Resource Setting: Owner objectives – production of adequate, quality forage for 40 to 60 cow dairy herd while minimizing sedimentation and nutrient pollution of nearby streams and lakes
Soils – loams and silt loams on 6 to 12% slopes.
Vegetation – Existing vegetation consists of low producing grass species with weeds becoming a major problem for grazing.
Resource concerns – livestock impacts on streams and lakes.

REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS

Resource:	Plants				Animals		
	Suitability	Product.	Establish Growth Harvest	Nutrient Management	Food (wildlife)	Cover and Shelter (wildlife)	
	D-1-b	D-2-a	D-3-a	D-3-b	E-1-a	E-1-b	
RMS # 1 Practice # And Name:							
510-Past/Hay Management	SIG+	SIG+	SIG+	SIG+	MOD+	SIG+	
556-Planned Grazing System	SIG+	SIG+	SIG+	MOD+	MOD+	MOD+	
512-Past/Hay Planting	SIG+	SIG+	SIG+	SIG+	SIG+	SIG+	
472-Livestock Exclusion	MOD+	MOD+	SIG+	NA	SIG+	SIG+	
382-Fence	F	F	F	F	F	F	
590d-Nutrient Management	0	SIG+	SIG+	SIG+	MOD+	MOD+	
378-Pond	NA	F	F	NA	MOD+	MOD+	
645-Wildlife Upland Mgmt	SLI+	SLI+	SLI+	SLI+	SIG+	SIG+	

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Resource Setting: Owner objectives – production of adequate, quality forage for 40 to 60 cow dairy herd while minimizing sedimentation and nutrient pollution of nearby streams and lakes
Soils – loams and silt loams on 6 to 12% slopes.
Vegetation – Existing vegetation consists of low producing grass species with weeds becoming a major problem for grazing.
Resource concerns – livestock impacts on streams and lakes.

REFERENCE FROM CPPE AND RESOURCE CONSIDERATIONS

Resource:	Soil		Water					
	Erosion Streambank		Surface Contamination Nutrients/ Organics	Surface Contamination Turbidity	Surface Contamination Dissolve 02	Surface Contamination Temperature	Aquatic Habitat Suitability	
	A-1-e		B-2-h	B-2-i	B-2-j	B-2-m	B-2-o	
RMS # 1 Practice # And Name:								
510-Past/Hay Management	MOD+		MOD+	MOD+	MOD+	SLI+	SLI+	
556-Planned Grazing System	SIG+		MOD+	SIG+	MOD+	NEG	SLI+	
512-Past/Hay Planting	MOD+		MOD+	MOD+	MOD+	NEG	SLI+	
472-Livestock Exclusion	SIG+		MOD+	SIG+	MOD+	MOD+	MOD+	
382-Fence	F		F	F	F	F	F	
590d-Nutrient Management	NEG		SLI+	NEG	SLI+	NEG	SLI+	
378-Pond	SIG+		NEG	NEG	NEG	NEG	SLI+	
645-Wildlife Upland Mgmt	SLI+		SLI+	SLI+	SLI+	SLI+	SLI+	

Developed By/Date _____ AO Concurrence/Date _____ SO Concurrence/Date _____