

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Pawhuska & Newkirk		
3.	MLRA	76		
4.	COMMON RESOURCE AREA (CRA)	0076.40.001		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Soils Legend, Technical/Non-Technical Soils Interpretations		
5.2	WATER	Water Quantity and Quality Interpretations/Water Budgets		
5.3	AIR			
5.4	PLANT	Pastureland Interpretations		
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations		
5.6	HUMAN			
6.	HYDROLOGIC UNIT			
7.	SYSTEM TEMPLATE LABEL	BAJZD		
8.	SYSTEM NAME	(76) Bermudagrass &/or Old World bluestems Establishment		
9.	PLANNING PHASE	Non-benchmark		
10.	PLANNING LEVEL	RMS		
11.	NRCS LANDUSE	Pasture		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		1. (342) Critical Area Planting 2. (362) Diversion 3. (410) Grade Stabilization Structure 4. (528A) Prescribed Grazing 5. (590) Nutrient Management 6. (512) Pasture & Hayland Planting (BG &/or OW) 7. (595) Pest Management		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		This system includes establishment of bermudagrass and/or old world bluestems on abandoned cropland and/or poor condition native/improved grasses. Soils vary in depth, texture and slope. Pasture and hayland planting, prescribed grazing, critical area planting, diversions and/or grade stabilization structures will control gully erosion and increase forage production. Prescribed grazing, nutrient management and pest management will result in proper deferment, nutrient application and weed control during establishment.		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	1. Soil-Erosion-Gully 2. Plants-Mgmt.-Nutrient 3. Plants-Mgmt.-Pests 4. Plants-Mgmt.-For.Prod.	1. 0 T/Yr soil loss 2. Proper application. 3. Proper application 4. 6 AUM's/Ac/Yr	1. 50 T/Yr soil saved 2. Prod./plant needs met 3. Red. comp./Imp. prod. 4. 3 AUM's/Ac/Yr increase	

CRA con't	SYSTEM TEMPLATE LABEL cont'd									
17.	QUALITY CRITERIA DOCUMENTATION	<i>List resource concerns, then indicate yes/no</i>								
	<ol style="list-style-type: none"> 1. Soil - Erosion - Gully 2. Plants - Management - Nutrient 3. Plants - Management - Pest 4. Plants - Management - Forage Production 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> </table>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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Conservation Management Systems

0076.40.001

Certification of Quality Criteria

BAJ2C

BAJ2D

RESOURCE CONSIDERATION/PROBLEM	Term Effect		Meets Quality Criteria			
	Short	Long	Benchmark		Planned	
			Yes	No	Yes	No
SOIL						
Erosion						
Sheet and rill			N/A			
Wind			N/A			
Irrigation induced			N/A			
Concentrated flow						
Cropland ephemeral gully			N/A			
Classic gully				✓		
Soil mass movement			✓			
Roadbank and construction sites			N/A			
Streambank erosion			✓			
Condition						
Tilth			✓			
Compaction			✓			
Soil contaminants			✓			
Deposition (Onsite & Offsite)						
Damage			✓			
Safety			✓			
WATER						
Quantity						
Seeps			✓			
Flooding			✓			
Subsurface water			✓			
Restricted capacity			✓			
Conveyance			✓			
Inadequate outlets			✓			
Restricted capacity, water bodies			✓			
Water management--irrigated			N/A			
Water management--non-irrigated			N/A			
Quality						
Contaminants			✓			
Aquatic habitat suitability			✓			
AIR						
Quality						
Sediment			✓			
Smoke			✓			
Chemical drift			✓			
Odors			✓			
Fungi			✓			
Molds			✓			
Pollen			✓			
Condition						
Temperature			✓			
Air movement			✓			
Humidity			✓			

Conservation Management Systems

Certification of Quality Criteria

RESOURCE CONSIDERATION/PROBLEM	Term Effect		Meets Quality Criteria			
	Short	Long	Benchmark		Planned	
			Yes	No	Yes	No
PLANTS						
Suitability						
Adapted to site			✓			
Intended use			✓			
Condition						
Productivity				✓		
Health and vigor			✓			
Management						
Establishment			✓			
Growth			✓			
Harvest			✓			
Nutrient management				✓		
Pests				✓		
Threatened and endangered species			✓			
ANIMALS(domestic/wildlife)						
Habitat						
Food			✓			
Cover			✓			
Shelter			✓			
Water			✓			
Threatened and endangered species			✓			
Management						
Population and Resource Balance			✓			
Animal Health			✓			

References:

NPPH Pages 75-78

FOTG Section III - Quality Criteria

GM -450 Part 401 Paragraph 401.03

