

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Bristow, Chandler, Guthrie, Oklahoma City, Pawhuska, Pawnee, Perry and Stillwater		
3.	MLRA	84A		
4.	COMMON RESOURCE AREA (CRA)	084A.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	IAJZD		
8.	SYSTEM NAME	(84A) 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. (391) Riparian Forest Buffer 6. (580) Streambank and Shoreline Protection 7. (590) Nutrient Management 8. (512) Pasture & Hayland Planting (BG or OW) 9. (595) Pest Management		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		This system includes establishing bermudagrass and old world bluestems on soils varying in depth, texture and slope. Pasture and hayland planting, prescribed grazing, critical area planting, diversions, grade stabilization structures, riparian forest buffers and/or streambank protection will control gully erosion. Reduced sediments from erosion control will also reduce flood hazard due to improved stream flow and will contribute to maintain the storage capacity of lakes &/or streams. 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. Water-Quantity-Flooding 3. Water-Quant.-Red. Cap. 4. Plants-Mgmt.-Nutrient 5. Plants-Mgmt.-Pests	1. 0 T/Yr soil loss 2. Improved stream cap. 3. Red. sediment 4. Proper application. 5. Proper application/control	1. 50 T/Yr soil saved 2. Reduced damage/prod. losses 3. Improved capacity 4. Prod./plant needs met 5. Red. comp./Imp. prod.	
17.	QUALITY CRITERIA DOCUMENTATION	<i>List resource concerns, then indicate yes/no</i>		
	1. Soil - Erosion - Gully 2. Water - Quantity - Flooding 3. Water - Quantity - Streams/Lakes Restricted Capacity 4. Plants - Management - Nutrient 5. Plants - Management - Pests	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO <input type="checkbox"/> NO <input type="checkbox"/> NO <input type="checkbox"/> NO	

Conservation Management Systems

084A.40.001

Certification of Quality Criteria

IAJ2C

IAJ2D

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			N/A			
Compaction			N/A			
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			✓			
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

