

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM 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		
5.1	SOIL	Soils Legend, Technical/Non-Technical Soils Interpretations	
5.2	WATER	Water Quantity & 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	IAJZA	
8.	SYSTEM NAME	(84A) Bermudagrass &/or Old World Bluestems Grazing Management	
9.	PLANNING PHASE	BENCHMARK	
10.	PLANNING LEVEL	N/A	
11.	NRCS LANDUSE	Pasture	
12.	EXISTING CONSERVATION PRACTICES		
		<ol style="list-style-type: none"> 1. (512) Pasture & Hayland Planting (BG &/or OW) 2. (378) Pond 	
13.	SYSTEM NARRATIVE		
	<p>This system includes management of existing bermudagrass and/or old world bluestems on soils of varying depth, texture and slope. Flooding and streambank erosion are common along streams and rivers. Sediment restricts natural stream flow and eventually reduces capacity of water bodies. Gully erosion is common on shallow and/or poorly vegetated soils. Fertilizers and pesticides, if utilized, are applied without determining plant needs for desired production and pest infestation levels. Resulting plant growth is of low vigor and poor quality. Livestock utilizing the grazing resource are primarily cow/calf. Grazing occurs without consideration to balancing livestock numbers to forage quantity and quality with overgrazing common. Existing livestock water facilities are inadequate to meet future grazing management needs. Eastern redcedar and blackjack oak are pests.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	
	<ol style="list-style-type: none"> 1. Soil-Erosion-Gully 2. Soil-Erosion-Streambank 3. Water-Quantity-Flooding 4. Water-Quant.-Streams/Lakes Rest. Cap. 5. Plants-Management-Forage Production 6. Plants-Condition-Health & Vigor 7. Plants-Management-Nutrient 8. Plants-Management-Pests 9. Animal-Habitat-Water (Domestic) 10. Animal-Mgmt.-Pop./Res. Balance 	<ol style="list-style-type: none"> 1. Soil loss-50 T/Yr 2. Soil loss-50 T/Yr 3. Damage/lost production 4. Lost water/flood retention 5. 70% of potential production 6. Low plant health & vigor 7. Improper application of fertilizers 8. Problem species >25% canopy 9. 50% necessary water storage 10. 5 AUM's/Acre 	