MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	El Reno, Enid, Guthrie, Kingfisher, Medford and Newkirk
3.	MLRA	80A
4.	COMMON RESOURCE AREA (CRA)	080A.40.003
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	GCJZA
8.	SYSTEM NAME	(80A) Bermudagrass and/or Weeping Lovegrass Mgmt. - Sandy Soils
9.	PLANNING PHASE	BENCHMARK
10.	PLANNING LEVEL	N/A
11.	NRCS LANDUSE	Pasture
12.	EXISTING CONSERVATION PRACTICES	
	1. (512) Pasture & Hayland Planting (BG &/or WL)	
13.	SYSTEM NARRATIVE	

This system includes established bermudagrass and/or weeping lovegrass on rolling, deep sandy soils. Streambank erosion, as a result of frequent flooding, occurs adjacent to rivers and streams. Soil tests and/or production goals are seldom used in determining fertilizer needs or stocking rates. Resulting plant growth is of low vigor and poor quality. Livestock utilizing the grazing resource include cow/calf and stocker calves. Over grazing of the pastures is common. Existing livestock water facilities are inadequate to meet future grazing management needs. Eastern redcedar and various weeds become a problem when pastures are over grazed.

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	1. Soil-Erosion-Streambank	1. Soil loss-50 T/Yr.
	2. Water-Quantity-Flooding	2. Damage/lost production
	3. Plants-Mgmt.-Forage Production	3. 70% potential production
	4. Plants-Condition-Health & Vigor	4. Low plant health & vigor
	5. Plants-Management-Nutrient	5. Improper application of fertilizers
	6. Plants-Management-Pests	6. Eastern redcedar (>25% canopy)
	7. Animal-Habitat-Water (Domestic)	7. 50% needed water storage
	8. Animal-Mgmt.-Pop./Res. Balance	8. 5 AUM's/Ac/Yr