

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1	STATE	OKLAHOMA
2	FIELD OFFICE	Antlers, Atoka, Durant, Hugo, Idabel, Tishomingo
3	MLRA	133B
4	COMMON RESOURCE AREA (CRA)	133B.40.001
5	RESOURCE INTERPRETATIONS	<i>see Section II FOTG for interpretations</i>
5.1	SOIL	FOTG, SECTION I - EROSION PREDICTION FOTG, SECTION II - SOIL AND SITE INFORMATION FOTG, SECTION II - SOILS LEGEND FOTG, SECTION II - SOIL DESCRIPTIONS - NONTECHNICAL FOTG, SECTION II - SOIL DESCRIPTIONS - TECHNICAL FOTG, SECTION II - WATER QUANTITY AND QUALITY INTERPRETATIONS FOTG, SECTION II - HYDRIC SOILS INTERPRETATIONS FOTG, SECTION II - PASTURE AND HAYLAND INTERPRETATIONS FOTG, SECTION II - WILDLIFE INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - SOIL FOTG, SECTION V-A-1 - CONSERVATION EFFECTS - SOIL FOTG, SECTION V-1-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.2	WATER	FOTG, SECTION I - CLIMATIC DATA FOTG, SECTION II - WATER QUANTITY AND QUALITY INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - WATER FOTG, SECTION V-A-1 - CONSERVATION EFFECTS - WATER FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.3	AIR	FOTG, SECTION I - CLIMATIC DATA FOTG, SECTION I - STATE/LOCAL LAWS, ORDINANCES, REGULATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - AIR FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.4	PLANT	FOTG, SECTION I - THREATENED AND ENDANGERED SPECIES FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - PLANTS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - PASTURE
5.5	ANIMAL	FOTG, SECTION I - THREATENED AND ENDANGERED SPECIES FOTG, SECTION II - WILDLIFE INTERPRETATIONS FOTG, SECTION V-A-1 - CONSERVATION EFFECTS - ANIMALS FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.6	HUMAN	FOTG, SECTION I - CULTURAL RESOURCE INFORMATION FOTG, SECTION V-B-1 - CONSERVATION EFFECTS - PRODUCER EXPERIENCES
6	HYDROLOGIC UNIT	
7	SYSTEM TEMPLATE LABEL	SAJZ0
8	SYSTEM NAME	PASTURELAND
9	PLANNING PHASE	BENCHMARK
10	PLANNING LEVEL	N/A
11	NRCS LANDUSE	PASTURE

12	EXISTING CONSERVATION PRACTICES	
	1. 314 - Brush Management 2. 378 - Pond 3. 382 - Fence 4. 512 - Pasture and Hayland Planting 5. 528-A - Prescribed Grazing 6. 590 - Nutrient Management 7. 595 - Pest Management	
13	SYSTEM NARRATIVE	
	<p>These areas have been established to bermudagrass, fescue, bahiagrass, or old world bluestem and have anywhere from a poor stand of grass to an excellent stand. Soil fertility varies from low to high and fertilization varies from none to excessive in some situations. Stocking levels are variable, but frequently livestock numbers and forage requirements exceed forage production at its current level of management. Livestock water is provided by existing ponds, tanks, springs, and streams, however, it may not be adequate to meet resource needs in many situations. Plant productivity, health and vigor are affected by those areas of poor fertility and heavily overgrazed areas. Excessive amounts of weeds are common (3 weeds per square foot or over 50% canopy cover) on improperly managed areas.</p>	
14	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	1. Plants Productivity	1. Forage production on some areas is low due to very limited and/or no fertilization and overgrazing by livestock. Average forage production rate is 3 AUM's (Animal Unit Months) per acre.
	2. Plants Health and Vigor	2. Due to low soil fertility levels and overuse by livestock in many areas, plant health and vigor has declined.
	3. Nutrient Management	3. Fertilization varies from none applied to over application, and often when applied, it is not done according to current soil test recommendations and production needs.
	4. Plant Pests	4. Weeds and/or brush often invade pastures, especially under less desirable management conditions. Invasion of Broomsedge bluestem is also common in tame pastures in this resource area.
	5. Domestic Animal Food Requirements	5. Hay and protein supplement requirements are higher than desirable where management conditions are less than desirable, due to low forage quantity and quality.
	6. Domestic Animal Water Requirements	6. Quantity and quality of water supplies are often not adequate to meet livestock management needs.
	7. Wildlife Food Requirements	7. Most tame pasture grasses (especially bermudagrass) do not provide a source of food for wildlife.
	8. Wildlife Cover - Shelter	8. Most tame pasture grasses (especially bermudagrass) do not provide adequate shelter or cover for wildlife.
	9. Animals Population - Resource Balance Management	9. Livestock numbers and forage requirements are often in excess of forage production.
	10. Animal Health Management	10. Livestock diseases and parasite (both internal and external) frequently occur in this resource area. The occurrence of intestinal parasites intensifies with overgrazing and single cell (year round) grazing of forage.