

## MANAGEMENT SYSTEM TEMPLATE

### A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Altus, Hollis, Mangum, Sayre	
3.	MLRA	78C Central Rolling Red Plains	
4.	COMMON RESOURCE AREA (CRA)	078C.40.016	
5.	RESOURCE INTERPRETATIONS		
5.1	SOIL	Technical and Nontechnical Interpretations Pastureland Interpretations	
5.2	WATER	Water Quality and Quantity Interpretations	
5.3	AIR	N/A	
5.4	PLANT	Pastureland Interpretations	
5.5	ANIMAL	N/A	
5.6	HUMAN	N/A	
6.	HYDROLOGIC UNIT	11120202016, 020, 030, 11120302016, 026, 030, 040, 11120303010, 040, 050, 11120304016, 11130101015, 070	
7.	SYSTEM TEMPLATE LABEL	FPJZ0	
8.	SYSTEM NAME	Pastureland, Master BM	
9.	PLANNING PHASE	Benchmark	
10.	PLANNING LEVEL	N/A	
11.	NRCS LANDUSE	PASTURE	
12.	EXISTING CONSERVATION PRACTICES		
	<ol style="list-style-type: none"> <li>1. 512 Pasture Planting</li> <li>2.</li> <li>3.</li> <li>4.</li> </ol>		
13.	SYSTEM NARRATIVE		
	<p>This benchmark system consists of perennial, introduced grasses planted on sandy upland soils. The major grasses planted are bermudagrass and weeping lovegrass. Most of the pastures are grazed continuously. Overgrazing is a concern. It reduces the quality and quantity of forage available, increases runoff, allows invasion of undesirable plants, and creates erosion where runoff is concentrated. A general lack of fencing and livestock watering facilities makes grazing management difficult. This results in areas being over- or under-grazed. Soil fertility is generally not adequate to sustain a healthy, productive stand.</p>		
14.	RESOURCE CONCERNS		MAGNITUDE/EFFECTS
	<ol style="list-style-type: none"> <li>1. Forage Production</li> <li>2. Soil Fertility</li> <li>3. Classic Gully Erosion</li> <li>4. Weed Competition</li> <li>5. Livestock Water</li> </ol>		<ol style="list-style-type: none"> <li>1. Carrying Capacity &lt; 2.0 AUMs</li> <li>2. Soil Fertility Does Not Meet The Plant's Needs for Growth and Maintenance</li> <li>3. Soil Loss &gt; 20 tons/year</li> <li>4. Weeds Comprise &gt; 10% of the Plant Population</li> <li>5. Lack of Livestock Water Limits Grazing Management</li> </ol>