

## MANAGEMENT SYSTEM TEMPLATE

### A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Clinton, Cordell, Hobart	
3.	MLRA	78C Central Rolling Red Plains	
4.	COMMON RESOURCE AREA (CRA)	078C.40.013	
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	11120303010, 020, 11130301100, 110, 120, 1113032010, 020, 030, 040, 050, 060, 070, 080, 090, 100, 110, 120, 130, 140	
7.	SYSTEM TEMPLATE LABEL	FMJZ0	
8.	SYSTEM NAME	Pastureland, Master Benchmark	
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 loamy soils in the bottoms and floodplains of the Washita River and its major tributaries. The primary grasses planted are bermudagrass, Old World bluestem, and Tall wheatgrass. The potential for producing abundant, high quality forage or hay is very good. Most pastures are grazed continuously and are overgrazed. Occasional flooding and animal traffic cause areas of the streambanks to be unstable with active gully erosion. The stream water is effected by animal waste and turbidity from sediment deposition and animal traffic. Maintaining soil fertility for plant growth and maintenance is a major concern.</p>		
14.	RESOURCE CONCERNS		MAGNITUDE/EFFECTS
	<ol style="list-style-type: none"> <li>1. Streambank Erosion</li> <li>2. Surface Water Quality</li> <li>3. Low Soil Fertility</li> <li>4. Forage Production</li> <li>5.</li> </ol>		<ol style="list-style-type: none"> <li>1. Soil Loss &gt; 30 tons/year</li> <li>2. Water Quality and Channel Capacity is Reduced</li> <li>3. Soil Fertility Does Not Meet The Plant's Needs For Growth And Maintenance</li> <li>4. Carrying Capacity &lt; 2 AUMs</li> <li>5.</li> </ol>