

## MANAGEMENT SYSTEM TEMPLATE

### A. BENCHMARK SYSTEM WORKSHEET

1.	<b>STATE</b>	Oklahoma	
2.	<b>FIELD OFFICE</b>	Anadarko, Clinton, Cordell, Hobart, Sayre, Taloga	
3.	<b>MLRA</b>	78C Central Rolling Red Plains	
4.	<b>COMMON RESOURCE AREA (CRA)</b>	078C.40.007	
5.	<b>RESOURCE INTERPRETATIONS</b>		
5.1	<b>SOIL</b>	Technical and Nontechnical Interpretations	
5.2	<b>WATER</b>	Water Quality and Quantity Interpretations	
5.3	<b>AIR</b>	N/A	
5.4	<b>PLANT</b>	Pastureland Interpretations	
5.5	<b>ANIMAL</b>	N/A	
5.6	<b>HUMAN</b>	N/A	
6.	<b>HYDROLOGIC UNIT</b>	11092001080, 11120303010, 020, 11130202010, 11130301070, 090, 100, 110, 120, 11130302010, 020, 030, 040, 050, 060, 070, 080, 090, 100, 110, 120, 130, 140, 150, 160	
7.	<b>SYSTEM TEMPLATE LABEL</b>	FGJZ0	
8.	<b>SYSTEM NAME</b>	Pastureland, Master Benchmark	
9.	<b>PLANNING PHASE</b>	Benchmark	
10.	<b>PLANNING LEVEL</b>	N/A	
11.	<b>NRCS LANDUSE</b>	PASTURE	
12.	<b>EXISTING CONSERVATION PRACTICES</b>		
	<ol style="list-style-type: none"> <li>1. 512 Pasture Planting</li> <li>2.</li> <li>3.</li> <li>4.</li> </ol>		
13.	<b>SYSTEM NARRATIVE</b>		
	<p>This benchmark management system consists of perennial, introduced grasses planted on loamy upland soils. These soils are generally too steep or too shallow for cultivation. The primary grasses grown are bermudagrass and Old World bluestem. Cow/calf and stocker calves are the primary users of the resources. Gullies with vertical headcuts are common on soils inadequately protected by vegetation. Overgrazing of the pastures is common, which reduced the quality and quantity of the forage or hay available and increases runoff. A general lack of livestock watering facilities results in poor grazing distribution. Soil fertility is too low to maintain healthy, vigorous stands.</p>		
14.	<b>RESOURCE CONCERNS</b>		<b>MAGNITUDE/EFFECTS</b>
	<ol style="list-style-type: none"> <li>1. Classic Gully Erosion</li> <li>2. Plant Productivity</li> <li>3. Plant Health and Vigor</li> <li>4. Plant Establishment/Growth/Harvest</li> <li>5. Nutrient Management</li> <li>6. Livestock Water</li> <li>7. Animal Population/Resource Balance</li> </ol>		<ol style="list-style-type: none"> <li>1. Soil Loss = 40 tons/year</li> <li>2. Forage Production = 2000 tons/ac/year</li> <li>3. Low Forage Quality</li> <li>4. High Weed Competition</li> <li>5. Low Fertility</li> <li>6. Inadequate Facilities</li> <li>7. Improper Stocking Rates</li> </ol>