

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Anadarko, Hobart, Lawton	
3.	MLRA	80A Central Rolling Red Prairies	
4.	COMMON RESOURCE AREA (CRA)	080A.40.009	
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	11130302110, 140, 150, 160, 170, 180	
7.	SYSTEM TEMPLATE LABEL	GIJZO	
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"> 1. 512 Pasture Planting 2. 3. 4. 	
13.	SYSTEM NARRATIVE	<p>This benchmark system consists of perennial, introduced grasses planted on loamy and sandy bottomland soils in the floodplains of the Washita River. Bermudagrass has traditionally been the pasture of choice, however, in recent years several fields have been planted to tall wheatgrass. All of this area is flooded every 1 to 5 years. Flooding causes streambank erosion. Classic gullies are caused by concentration of overhead water. This erosion contributes to the turbidity of the adjacent streams. Many fields are irrigated with sprinkler systems pumping water from the streams. maintaining soil fertility is a concern for maintaining plant health and vigor.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	
	<ol style="list-style-type: none"> 1. Classic Gully Erosion 2. Streambank Erosion 3. Turbid Surface Water 4. Flooding 5. Irrigation Water Management 	<ol style="list-style-type: none"> 1. Soil Loss > 30 tons/year 2. Soil Loss > 50 tons/year 3. Water Quality Reduced 4. Forage Production Reduced By 20% 5. Irrigation System Efficiency < 50% 	