

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Hobart	
3.	MLRA	78C Central Rolling Red Plains	
4.	COMMON RESOURCE AREA (CRA)	078C.40.021	
5.	RESOURCE INTERPRETATIONS		
5.1	SOIL	Technical and Nontechnical Interpretations Cropland Interpretations	
5.2	WATER	Water Quality and Quantity Interpretations	
5.3	AIR	N/A	
5.4	PLANT	Cropland Interpretations	
5.5	ANIMAL	N/A	
5.6	HUMAN	N/A	
6.	HYDROLOGIC UNIT	11120303020, 030, 11130302130, 140	
7.	SYSTEM TEMPLATE LABEL	FUAZ0	
8.	SYSTEM NAME	Cropland, Master Benchmark	
9.	PLANNING PHASE	Benchmark	
10.	PLANNING LEVEL	N/A	
11.	NRCS LANDUSE	CROP	
12.	EXISTING CONSERVATION PRACTICES		
		<ol style="list-style-type: none"> 1. None 2. 3. 4. 	
13.	SYSTEM NARRATIVE	<p>This benchmark system consists of annual crops planted on loamy upland soils. The primary crops planted are small grains, cotton, alfalfa, and grain sorghums in various rotations of each. Generally, tillage is conventional and crop residues are not maintained on the soil surface. Conventional tillage reduces soil water intake and increases runoff and water erosion. Maintaining soil fertility is a concern. Ephemeral gully erosion is a problem on unprotected slopes.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	
	<ol style="list-style-type: none"> 1. Plow pans 2. Soil Fertility 3. Ephemeral Gully Erosion 4. Sheet and Rill Erosion 5. 	<ol style="list-style-type: none"> 1. Soil Water Intake Rates < 0.1 inches/hour 2. Soil Fertility Does Not Meet The Crop's Needs for Growth And Maintenance 3. Soil Loss > 30 tons/year 4. Soil Loss > 10 tons/acre/year 5. 	