

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Hollis, Mangum, Sayre
3.	MLRA	78C Central Rolling Red Plains
4.	COMMON RESOURCE AREA (CRA)	078C.40.018
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	11120202016, 020, 11120304016, 020, 11130101015, 020
7.	SYSTEM TEMPLATE LABEL	FRAZO
8.	SYSTEM NAME	Cropland, Master BM
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 cultivated crops such as wheat, grain sorghum, and cotton planted on loamy upland soils. Cultivation is limited to the Tillman and some of the Vernon soil mapping units. Sheet and rill erosion and ephemeral gully erosion are problems on unterraced fields and where crop residues are not maintained on the surface. Plow pans and crusting limit crop production on many fields and increase runoff. Maintaining soil fertility is also a concern.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	<ol style="list-style-type: none"> 1. Sheet and Rill Erosion 2. Ephemeral Gully Erosion 3. Soil Compaction 4. Low Soil Fertility 5. 	<ol style="list-style-type: none"> 1. Soil Loss > 8 tons/acre/year 2. Soil Loss > 40 tons/year 3. Water Intake Rates < 0.1 inches/hour 4. Soil Fertility Does Not Meet The Crop Needs for Growth and Maintenance 5.