

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Chandler and Oklahoma City	
3.	MLRA	84A	
4.	COMMON RESOURCE AREA (CRA)	084A.40.002	
5.	RESOURCE INTERPRETATIONS		
5.1	SOIL	Soils Legend, Technical/Non-Technical Soils Interpretations	
5.2	WATER	Water Quantity & Quality Interpretations/Water Budgets	
5.3	AIR		
5.4	PLANT	Cropland Interpretations	
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations	
5.6	HUMAN		
6.	HYDROLOGIC UNIT		
7.	SYSTEM TEMPLATE LABEL	IBAZA	
8.	SYSTEM NAME	(84A) North Canadian Valley - Cropland	
9.	PLANNING PHASE	BENCHMARK	
10.	PLANNING LEVEL	N/A	
11.	NRCS LANDUSE	Crop	
12.	EXISTING CONSERVATION PRACTICES		
		1. (344) Residue Management, Seasonal	
13.	SYSTEM NARRATIVE		
		<p>This system includes wheat (grain and/or grazed out), grain sorghum, forage sorghum, alfalfa and/or corn (or various rotations of these) on deep, bottomland soils. Erosion occurs where outlets into streams are inadequately protected. Soils are typically low in organic matter (affecting tilth) and compaction restricts root growth when fields are cultivated when too wet. Streambank erosion, as a result of frequent flooding, occurs on rivers and streams. Fertilizers and pesticides are commonly applied without determining plant needs for desired production and pest infestations levels. Greenbugs and various grassy/broadleaf weeds are common pests.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	
	<ul style="list-style-type: none"> 1. Soil-Erosion-Streambank 2. Soil-Condition-Tilth 3. Soil-Condition-Compaction 4. Water-Quantity-Flooding 5. Water-Quantity-Inad. Outlets 6. Plants-Management-Nutrient 7. Plants-Management-Pests 	<ul style="list-style-type: none"> 1. Soil loss-50 T/Yr 2. Low OM/Soil Cond. Index <0.0 3. Limited crop root growth 4. Damage/lost production 5. Gully erosion 6. Improper application of fertilizers 7. Weeds/nutrient & moisture competition 	