MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Frederick, Hobart, Lawton, Walters
3.	MLRA	78C Central Rolling Red Plains
4.	COMMON RESOURCE AREA (CRA)	078C.40.023
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	11120303030, 11130202010, 020, 11130203010, 020, 030, 040, 050
7.	SYSTEM TEMPLATE LABEL	FWJZ0
8.	SYSTEM NAME	Pastureland, Master Benchmark
9.	PLANNING PHASE	Benchmark
10.	PLANNING LEVEL	N/A
11.	NRCS LANDUSE	PASTURE
12.	EXISTING CONSERVATION PRACTICES	
	1. 512 Pasture Planting 2. 3. 4.	
13.	SYSTEM NARRATIVE	
	This benchmark system consists of abandoned cropland planted to perennial, worm season grasses on loamy or clayey soils bottomlands and flood plains. This common resource area includes the floodplains and bottomlands of Blue Beaver, Post Oak, Pecan, Sandy, East Cache, West Cache, and Deep Red Run Creeks. Pastures are frequently damaged by flooding and many areas have saline slickspots. Grazing when wet damages the soil structure and causes compaction which reduces water intake. Forage and hay production is often limited by infrequent and inadequate fertilization.	

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	1. Flooding 2. Saline Slickspots 3. Soil Compaction 4. Forage Production 5.	1. Forage Production Reduced by 30% 2. Forage Production Reduced by 5% 3. Water Intake Rates < 1.0 inches/hour 4. Carrying Capacity < 3 AUMs 5.