

## MANAGEMENT SYSTEM TEMPLATE

### A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Chickasha, Lawton, Walters
3.	MLRA	80A Central Rolling Red Prairies
4.	COMMON RESOURCE AREA (CRA)	080A.40.011
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	11130201010, 11130202020, 11130208010, 020, 030, 11130302210, 220, 230, 240, 250, 11130303010, 020
7.	SYSTEM TEMPLATE LABEL	GKAZO
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"> <li>1. 328 Conservation Crop Rotation</li> <li>2.</li> <li>3.</li> <li>4.</li> </ol>
13.	SYSTEM NARRATIVE	
		<p>This benchmark system consists of wheat, cotton, alfalfa, and grain sorghum planted on loamy and clayey bottomland soils. This area includes the floodplains and bottomlands of Beaver and Whiskey Creeks and the Little Washita River. In some area pecans are managed for commercial nut production. Occasionally, crops are damaged by flooding. Scour erosion caused by overflows is a concern. Tillage or grazing when wet damages the soil structure and causes crusting and hard pans which reduces water intake and increases runoff. Water quality in the streams is degraded by sediments and deposition.</p>
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	<ol style="list-style-type: none"> <li>1. Scour Erosion</li> <li>2. Soil Condition</li> <li>3. Turbidity of Surface Water</li> <li>4.</li> <li>5.</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss &gt; 50 tons/year</li> <li>2. Water Intake Rate &lt; 0.5 inches/hour</li> <li>3. Water Quality Is Reduced</li> <li>4.</li> <li>5.</li> </ol>