

## MANAGEMENT SYSTEM TEMPLATE

### A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Anadarko, Hobart, Lawton	
3.	MLRA	80A Central Rolling Red Prairies	
4.	COMMON RESOURCE AREA (CRA)	080A.40.009	
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	11130302110, 140, 150, 160, 170, 180	
7.	SYSTEM TEMPLATE LABEL	GIAZO	
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 cultivated crops grown on loamy and sandy bottomland soils in the floodplains of the Washita River. The primary crops grown are alfalfa, small grains, cotton, peanuts, corn, and grain sorghum. Sprinkler irrigation is common and there are a few fields that are furrow irrigated. Most of the irrigation water is pumped from the river and adjacent streams. All of this area is flooded every 1 to 5 years. Flooding causes scour erosion, gullies, streambank erosion, and turbidity in the streams. Some soils have high water tables that may limit crop production.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	
	<ol style="list-style-type: none"> <li>1. Classic Gully Erosion</li> <li>2. Streambank Erosion</li> <li>3. Scour Erosion</li> <li>4. Turbid Surface Water</li> <li>5. Flooding</li> <li>6. Irrigation Water Management</li> <li>7. High Water Table</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss &gt; 50 tons/year</li> <li>2. Soil Loss &gt; 50 tons/year</li> <li>3. Soil Loss &gt; 30 tons/year</li> <li>4. Water Quality Reduced</li> <li>5. Crop Production Reduced By 20%</li> <li>6. Irrigation System Efficiency &lt; 50%</li> <li>7. Crop Production Reduced By 10%</li> </ol>	