

## MANAGEMENT SYSTEM TEMPLATE

### B. CONSERVATION MANAGEMENT SYSTEM OPTIONS 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	<i>for each resource enter available interp data</i>		
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	GKAZ1		
8.	SYSTEM NAME	Cropland, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	Resource Management System		
11.	NRCS LANDUSE	CROP		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> <li>1. 328 Conservation Crop Rotation</li> <li>2. 342 Critical Area Planting</li> <li>3. 344 Residue Management, Seasonal</li> <li>4. 362 Diversion</li> <li>5. 393 Filter Strip</li> <li>6. 412 Grassed Waterway</li> <li>7. 512 Pasture Planting</li> <li>8.</li> <li>9.</li> <li>10.</li> </ol>		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consist 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. Planting high residue crops and maintaining residues on the soil surface and reducing tillage operations is essential to minimizing scour erosion and crusting. Critically eroding areas will be planted to permanent vegetation. Diversions and waterways will reduce scour erosion by safely moving water away from critical areas. Cropland may be planted to permanent grass and filter strips will stabilize streambanks and remove sediments from overflow water. Overall, this system will reduce damage from flooding, improve soil condition, and make crop production more consistent.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<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> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss = 0 tons/year</li> <li>2. Water Intake Rate &gt; 1 in/hr</li> <li>3. Water Quality Is Improved</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss Reduced 50 tons/year</li> <li>2. Water Intake Rate Increased By 0.5 inches/hour</li> <li>3. Treated Acres Do Not Contribute To Surface Water Turbidity</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> </ol>	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	<b>QUALITY CRITERIA DOCUMENTATION</b> <i>List resource concerns, then indicate yes/no</i>	
	1. Scour Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Soil Condition	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Turbidity of Surface Water	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	5.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	10.	<input type="checkbox"/> YES <input type="checkbox"/> NO

