

## MANAGEMENT SYSTEM TEMPLATE

### B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Hollis, Mangum, Sayre		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.018		
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	11120202016, 020, 11120304016, 020, 11130101015, 020		
7.	SYSTEM TEMPLATE LABEL	FRAZ1		
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. 330 Contour Farming</li> <li>3. 344 Residue Management, Seasonal</li> <li>4. 412 Grassed Waterway</li> <li>5. 590 Nutrient Management</li> <li>6. 600 Terrace</li> <li>7.</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 cultivated crops such as wheat, grain sorghum, and cotton planted on loamy upland soils. Planting high residue producing crops, contour farming, terraces, waterways, and residue management will reduce runoff, reduce sheet and rill erosion, and eliminate ephemeral gully erosion, Reduced tillage and residue management will increase soil organic matter, improve tilth, reduce effects of plow pans and increase water intake. Fertilizer will be applied as recommended for crop growth. When planting crops use species and varieties known to be adapted to the site conditions and client's needs.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> <li>1. Sheet and Rill Erosion</li> <li>2. Ephemeral Gully Erosion</li> <li>3. Soil Compaction</li> <li>4. Low Soil Fertility</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 &lt; 5 tons/acre/year</li> <li>2. Soil Loss = 0 tons/year</li> <li>3. Water Intake Rate &gt; 0.2 inches/hour</li> <li>4. Soil Fertility Meets Crop Needs For Growth and Maintenance</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 is Reduced By 3 tons/acre/year</li> <li>2. Soil Loss is Reduced By 40 tons/year</li> <li>3. Water Intake Rate is Increased By 0.1 inches/hour</li> <li>4. Soil Fertility Does Not Limit Crop Growth</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. Sheet and Rill Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Ephemeral Gully Erosion	<input type="checkbox"/> YES <input type="checkbox"/> NO
	3. Soil Compaction	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Low Soil Fertility	<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

