

## MANAGEMENT SYSTEM TEMPLATE

### B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Clinton, Cordell, Hobart		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.013		
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	11120303010, 020, 11130301100, 110, 120, 1113032010, 020, 030, 040, 050, 060, 070, 080, 090, 100, 110, 120, 130, 140		
7.	SYSTEM TEMPLATE LABEL	FMAZ1		
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. 410 Grade Stabilization Structure</li> <li>6. 412 Grassed Waterway</li> <li>7. 580 Streambank and Shoreline Protection</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 planted on loamy bottomland soils on the Washita River and its major tributaries. About 80% of the land in this area is planted to wheat, grain sorghum, cotton, and alfalfa. The potential for high yields and abundant residue is very good. Crops grown will be selected for known adaptability to site conditions and client's needs. Residue management and reduced tillage will reduce scouring. Flooding is unavoidable and the client should be aware of the risks of planting crops in the bottomlands. Gullies will be stopped or prevented with diversions, grade stabilization structures and establishing vegetation. Stream water quality will be improved with erosion control and improved management of the contributing fields and stabilization of the streambanks.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> <li>1. Flooding</li> <li>2. Streambank Erosion</li> <li>3. Scour Erosion</li> <li>4. Sediment Deposition</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. Crop Production Reduced by 10% of Potential</li> <li>2. Soil Loss = 0 tons/year</li> <li>3. Soil Loss = 0 tons/year</li> <li>4. Water Quality and Channel Capacity Improved</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. Crop Production Increased by 10%</li> <li>2. Soil Loss Reduced by 50 tons/yr</li> <li>3. Soil Loss Reduced by 20 tons/yr</li> <li>4. Treated Acres Do Not Contribute to Sediment Deposition</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. Flooding	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Streambank Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Scour Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Sediment Deposition	<input checked="" 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

