

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Altus, Hollis, Mangum, Sayre		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.019		
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, 030, 11120304016, 020, 11120303050, 11130101020		
7.	SYSTEM TEMPLATE LABEL	FSAZ1		
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"> 1. 328 Conservation Crop Rotation 2. 330 Contour Farming 3. 344 Residue Management, Seasonal 4. 412 Grassed Waterway 5. 590 Nutrient Management 6. 600 Terrace 7. 8. 9. 10. 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consists of wheat, cotton, and grain sorghum planted on loamy upland soils. Most of the wheat is grazed by stocker cattle through the winter. Contour farming, waterways, terraces, and residue management will reduce sheet and rill erosion and eliminate ephemeral gully erosion. Reduced tillage will increase soil organic matter and reduce severity of plow pans. This will increase water intake and reduce runoff. Crops to be grown will be selected based on grain and forage yield potential, ability to produce adequate amounts of residues for critical erosion periods and client's needs. Fertilizer will be applied as recommended by soil test for yield goals and health of the plants.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	1. Sheet and Rill Erosion	1. Soil Loss < 5 tons/ac/yr	1. Soil Loss Reduced By 5 tons/acre/year	
	2. Ephemeral Gully Erosion	2. Soil Loss = 0 tons/year	2. Soil Loss Reduced By 40 tons/year	
	3. Plow Pans	3. Water Intake Rate > 2 in/hr	3. Water Intake Rate Increased By 1.4 inches/hour	
	4. Low Soil Fertility	4. Soil Fertility Meets The Crops Needs for Growth and Maintenance	4. Soil Fertility Does Not Limit Crop Production	
	5.	5.	5.	
	6.	6.	6.	
	7.	7.	7.	
	8.	8.	8.	
	9.	9.	9.	
	10.	10.	10.	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION	<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 Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Plow Pans	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Low Soil Fertility	<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

