

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Clinton, Cordell, Sayre		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.015		
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	11120302040, 11120303010, 020, 11130301070, 080, 090, 110, 11130302010, 030, 090, 100		
7.	SYSTEM TEMPLATE LABEL	FOAZI		
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. 340 Cover and Green Manure Crop 4. 342 Critical Area Planting 5. 344 Residue Management, Seasonal 6. 380 Windbreak/Shelterbelt Establishment 7. 410 Grade Stabilization Structure 8. 412 Grassed Waterway 9. 589B Cross Wind Strip Cropping 10. 589C Cross Wind Trap Strips 11. 590 Nutrient Management 12. 600 Terrace 		
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 sandy loam upland soils. The primary crops planted are wheat, cotton, and grain sorghum with various rotations of each. When selecting crops for planting in this area, consider species and varieties that are known to be adaptable to the site conditions and the client's needs. Contour farming, residue management, terraces, and waterways will reduce sheet and rill erosion and ephemeral gully erosion. Installing diversions, grade stabilization structures, and vegetation will treat existing roadside gullies and prevent potentially critical erosion. Residue management, stripcropping, and field windbreaks will reduce wind erosion. Planting cover crops that will provide growing vegetation or residues during critical wind erosion periods will reduce wind erosion. Reduced tillage will reduce erosion and increase soil organic matter, reduce compaction, and reduce runoff. It will also increase water intake. Fertilizer will be applied based on plant needs, desired results, and soil test recommendations.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Sheet and Rill Erosion 2. Ephemeral Gully Erosion 3. Roadside Erosion 4. Wind Erosion 5. Ground Water Contamination 6. 7. 8. 	<ol style="list-style-type: none"> 1. Soil Loss < 3 tons/acre/year 2. Soil Loss = 0 tons/year 3. Soil Loss = 0 tons/year 4. Soil Loss < 3 tons/acre/year 5. Chemical Application Does Not Exceed Recommended Rates 6. 7. 8. 	<ol style="list-style-type: none"> 1. Soil Loss Reduced by 3 tons/ac/yr 2. Soil Loss Reduced by 56 tons/yr 3. Soil Loss Reduced by 100 tons/yr 4. Soil Loss Reduced by 5 tons/ac/yr 5. Treated Acres Do Not Contribute to Ground Water Contamination 6. 7. 8. 	

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 Gully Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Roadside Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Wind Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Ground Water Contamination	<input checked="" 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

