

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 Rangeland Interpretations		
5.2	WATER	Water Quality and Quantity Interpretations		
5.3	AIR	N/A		
5.4	PLANT	Rangeland 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	FMDZ1		
8.	SYSTEM NAME	Rangeland, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	Resource Management System		
11.	NRCS LANDUSE	GRAZED RANGE		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. 338 Prescribed Burning 2. 342 Critical Area Planting 3. 362 Diversion 4. 382 Fence 5. 410 Grade Stabilization Structure 6. 472 Use Exclusion 7. 528A Prescribed Grazing 8. 550 Range Planting 9. 580 Streambank and Shoreline Protection 10. 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consist of native grasses, forbs, and trees growing on loamy soils in the bottoms and floodplains of the Washita River and its major tributaries. The major ecological sites in this common resource area are Loamy Bottomland and Subirrigated. The vegetation is mostly tall grasses with some overstory of hardwood trees (oak, pecan, elm, cottonwood and hackberry). The potential for producing large amounts of high quality forage is very good. Grade stabilization structures, diversions, streambank protection, and vegetation will control or prevent gully erosion. For new plantings select species and varieties known to be adapted to the site conditions and client's needs. Fencing, controlled access, and prescribed burning will facilitate a grazing plan which will recommend stocking rates, grazing schedules, etc. Water quality in the streams will be improved by limiting livestock access to the water and implementing erosion control on the streambanks.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Streambank Erosion 2. Surface Water Quality 3. Forage Production 4. 5. 6. 7. 8. 	<ol style="list-style-type: none"> 1. Soil Loss = 0 tons/year 2. Water Quality and Channel Capacity is Improved 3. Carrying Capacity > 3 AUMs 4. 5. 6. 7. 8. 	<ol style="list-style-type: none"> 1. Soil Loss Reduced by 50 tons/yr 2. Treated Acres Do Not Contribute To Sediment Deposition 3. Carrying Capacity Increased by 2 AUMs 4. 5. 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. Streambank Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Surface Water Quality	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Forage Production	<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

**Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List**

State	Oklahoma	Field Office	Clinton, Cordell, Hobart		CRA	078C.40.013	System Template Label	FMDZ1
Soil Interpretations		Technical and Nontechnical Interpretations, Rangeland Interpretations						

Resource Concerns	Streambank Erosion	Surface Water Quality	Forage Production					
	Conservation Practices							
338 Prescribed Burning	N/A	0	++					
342 Critical Area Planting	+++	+++	+					
362 Diversion	+++	++	+					
382 Fence	+++	+	++					
410 Grade Stabilization Structure	+++	+++	0					
472 Use Exclusion	+++	+	+					
528A Prescribed Grazing	+	+	+++					
550 Range Planting	+	+	++					
580 Streambank Protection	+++	+++	N/A					

RATINGS : Not Applicable = N/A Slight = + or -
 Negligible = 0 Moderate = ++ or --
 Facilitating = F Significant = +++ or ---