

## 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 Pastureland Interpretations		
5.2	WATER	Water Quality and Quantity Interpretations		
5.3	AIR	N/A		
5.4	PLANT	Pastureland 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	FMJZ1		
8.	SYSTEM NAME	Pasture, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	Resource Management System		
11.	NRCS LANDUSE	PASTURE		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> <li>1. 338 Prescribed Burning</li> <li>2. 342 Critical Area Planting</li> <li>3. 362 Diversion</li> <li>4. 382 Fence</li> <li>5. 410 Grade Stabilization Structure</li> <li>6. 472 Use Exclusion</li> <li>7. 512 Pasture Planting</li> <li>8. 528A Prescribed Grazing</li> <li>9. 580 Streambank and Shoreline Protection</li> <li>10. 590 Nutrient Management</li> </ol>		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consist of perennial, introduced grasses planted on loamy soils in the bottoms and floodplains of the Washita River and its major tributaries. The primary grasses planted are bermudagrass, Old World bluestem, and Tall wheatgrass. The potential for producing abundant, high quality forage or hay 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 measures on the streambanks. Fertilizer will be applied as recommended by soil tests to provide adequate nutrients for plant growth and maintenance.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> <li>1. Streambank Erosion</li> <li>2. Surface Water Quality</li> <li>3. Low Soil Fertility</li> <li>4. Forage Production</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss = 0 tons/year</li> <li>2. Water Quality and Channel Capacity is Improved</li> <li>3. Soil Fertility Is Adequate For Plant Growth And Maintenance</li> <li>4. Carrying Capacity &gt; 6 AUMs</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss Reduced by 30 tons/yr</li> <li>2. Treated Acres Do Not Contribute To Sediment Deposition</li> <li>3. Forage Production Is Not Limited By Soil Fertility</li> <li>4. Carrying Capacity Increased By 4 AUMs</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</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. 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. Low Soil Fertility	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Forage Production	<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

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

<b>State</b>	Oklahoma	<b>Field Office</b>	Clinton, Cordell, Hobart		<b>CRA</b>	078C.40.013	<b>System Template Label</b>	FMJZ1
<b>Soil Interpretations</b>	<b>Technical and Nontechnical Interpretations, Pastureland Interpretations</b>							

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

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