

## MANAGEMENT SYSTEM TEMPLATE

### B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Anadarko, Clinton, Cordell, Hobart, Sayre, Taloga		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.007		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Technical and Nontechnical 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	11092001080, 11120303010, 020, 11130202010, 11130301070, 090, 100, 110, 120, 11130302010, 020, 030, 040, 050, 060, 070, 080, 090, 100, 110, 120, 130, 140, 150, 160		
7.	SYSTEM TEMPLATE LABEL	FGJZ1		
8.	SYSTEM NAME	Pasture, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	RMS		
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. 378 Pond</li> <li>5. 382 Fence</li> <li>6. 410 Grade Stabilization Structure</li> <li>7. 512 Pasture Planting</li> <li>8. 528A Prescribed Grazing</li> <li>9. 590 Nutrient Management</li> <li>10. 614 Trough or Tank</li> <li>11. 642 Well</li> </ol>		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consists of introduced grasses planted on loamy upland soils. The primary grasses planted are bermudagrass and Old World bluestems. They are primarily hayed or grazed for livestock production. Incorporating prescribed grazing will greatly improve plant health and vigor, productivity, and general overall growth, while balancing available forage with livestock numbers. Prescribed burning and cross fencing will facilitate a grazing plan that will recommend stocking rates, grazing schedules, etc. The installation of properly designed and located ponds, tanks and wells will better distribute grazing and improve grazing management. Nutrient management will be used, while applying fertilizer to meet yield goals and maintain healthy, vigorous grass stands. Grade stabilization structures, diversions and vegetation will stop or prevent gully erosion. Pasture planting will be used to establish unproductive areas to permanent vegetation.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> <li>1. Classic Gully Erosion</li> <li>2. Plant Productivity</li> <li>3. Plant Health and Vigor</li> <li>4. Plant Establishment/ Growth/Harvest</li> <li>5. Nutrient Management</li> <li>6. Livestock Water</li> <li>7. Animal Population/ Resource Balance</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss = 0 tons/year</li> <li>2. Forage Production = 4000 lbs/acre/year</li> <li>3. Higher Forage Quality</li> <li>4. Weeds Controlled</li> <li>5. Improved Fertility</li> <li>6. Improved Facilities</li> <li>7. Improved Stocking Rates</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss Reduced 40 tons/yr</li> <li>2. Forage Production Increased 2000 lbs/acre/year</li> <li>3. Increased Production</li> <li>4. Improved Stands</li> <li>5. Increased Productivity</li> <li>6. Improved Animal Performance</li> <li>7. Animals/Forage Balanced</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. Classic Gully Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Plant Productivity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Plant Health and Vigor	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Plant Establishment/Growth/Harvest	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Nutrient Management	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Livestock Water	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	7. Animal Population/Resource Balance	<input checked="" 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	Anadarko, Clinton, Cordell, Hobart, Sayre, Taloga				CRA	078C.40.007	System Template Label	FGJZ
Soil Interpretations		Technical and Nontechnical, Pastureland								
Resource Concerns		Classic Gully Erosion	Plant Productivity	Plant Health and Vigor	Plant Establishment/ Growth/ Harvest	Nutrient Management	Livestock Water	Animal Population/ Resource Balance		
338 Prescribed Burning		N/A	+	+++	+++	0	N/A	++		
342 Critical Area Planting		+++	N/A	0	0	N/A	N/A	0		
362 Diversion		+++	N/A	0	N/A	N/A	+	N/A		
378 Pond		+	N/A	0	N/A	N/A	+++	++		
382 Fence		+	++	+++	+++	0	N/A	+++		
410 Grade Stabilization Structure		+++	N/A	0	N/A	N/A	+	N/A		
512 Pasture Planting		+	++	+	+++	N/A	N/A	+++		
528A Prescribed Grazing		N/A	+++	+++	+++	N/A	+	++		
590 Nutrient Management		N/A	+++	+++	+++	+++	N/A	+++		
614 Trough or Tank		N/A	N/A	+	0	N/A	+++	+++		
642 Well		N/A	N/A	+	0	N/A	+++			

**RATINGS :**

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