

## 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	Soil Legends, Technical and Nontechnical 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	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	FGDZ1		
8.	SYSTEM NAME	Rangeland, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	RMS		
11.	NRCS LANDUSE	Grazed Range		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> <li>1. 314 Brush Management</li> <li>2. 338 Prescribed Burning</li> <li>3. 342 Critical Area Planting</li> <li>4. 362 Diversion</li> <li>5. 382 Fence</li> <li>6. 410 Grade Stabilization Structure</li> <li>7. 378 Pond</li> <li>8. 528A Prescribed Grazing</li> <li>9. 550 Range Planting</li> <li>10. 595 Pest Management</li> <li>11. 614 Trough or Tank</li> <li>12. 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 native grasses, forbs, and trees on loamy upland soils. New range seeding will improve productivity by using species and varieties that are known to be adaptable to the site conditions and the client's needs. When water facilities (tanks, wells, or ponds) and cross fencing are installed, grazing distribution is improved. By rotating grazing through a prescribed grazing system, forage quality and quantity will be increased due to improved plant health, vigor and overall productivity. Constructing diversion terraces, grade stabilization structures and critical area planting will control gully erosion. Prescribed burning along with brush and pest management will control undesirable Eastern red cedar infestations, while also improving forage production. Balancing forage production with stocking rates will have a positive effect on overall range health.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> <li>1. Classic Gully Erosion</li> <li>2. Plant Health and Vigor</li> <li>3. Plant Productivity</li> <li>4. Plant Pests</li> <li>5. Livestock Water</li> <li>6. Animal Population/ Resource Balance</li> <li>7.</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss = 0 Tons/Year</li> <li>2. Improve Plant Vigor</li> <li>3. Forage Production = 2500 lbs/ac/year</li> <li>4. Cedar Canopy &lt; 10%</li> <li>5. Adequate Water Facilities</li> <li>6. Balanced Numbers</li> <li>7.</li> </ol>	<ol style="list-style-type: none"> <li>1. Soil Loss Reduced 50 Tons/Ac/Year</li> <li>2. Increase Forage Yields</li> <li>3. Increase Forage Production 750 lbs/ac/year</li> <li>4. Decrease Competition</li> <li>5. Improve Animal Performance</li> <li>6. Improve Grass Use</li> <li>7.</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 Health and Vigor	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Plant Productivity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Plant Pests	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Domestic Animal Water	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Animal Population/Resource Balance	<input checked="" 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>	<b>Oklahoma</b>	<b>Field Office</b>	Anadarko, Clinton, Cordell, Hobart, Sayre, Taloga			<b>CRA</b>	<b>078C.40.007</b>	<b>System Template Label</b>	<b>FGDZ</b>
<b>Soil Interpretations</b>		<b>Technical and Nontechnical Soils, Rangeland Interpretations</b>							

Resource Concerns	Classic Gully Erosion		Plant Health and Vigor	Plant Productivity	Plant Pests	Domestic Animal Water	Domestic Animal Pop/ Resource Balance		
314 Brush Management	N/A		+++	+++	+++	0	++		
338 Prescribed Burning	N/A		+++	+++	+++	0	++		
342 Critical Area Planting	+++		0	0	N/A	N/A	0		
362 Diversion	+++		0	0	N/A	++	N/A		
378 Pond	+		0	0	N/A	+++	+		
382 Fence	+		+++	+++	+	++	+++		
410 Grade Stabilization Structure	+++		0	0	N/A	+	N/A		
528A Prescribed Grazing	+		+++	+++	+	+	+++		
550 Range Seeding	N/A		+	+	+	+	++		
595 Pest Management	N/A		+++	+++	+++	N/A	++		
614 Trough or Tank	N/A		++	++	+	+++	+++		
642 Well	N/A		++	++	+	+++	+++		

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