

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Anadarko, Chickasha, Clinton, Duncan, Lawton, Norman, Pauls Valley, Walters, Waurika		
3.	MLRA	80A Central Rolling Red Prairies		
4.	COMMON RESOURCE AREA (CRA)	080A.40.010		
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	Combines What Was Map Areas 36 and 45 in Caddo, Cleveland, Comanche, Cotton, Custer, Garvin, Grady, Jefferson, and Stephens Counties into a New Map Area 45 (080A.40.010)		
7.	SYSTEM TEMPLATE LABEL	GJJZ1		
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"> 1. 338 Prescribed Burning 2. 342 Critical Area Planting 3. 362 Diversion 4. 378 Pond 5. 382 Fence 6. 410 Grade Stabilization Structure 7. 412 Grassed Waterway 8. 472 Use Exclusion 9. 512 Pasture Planting 10. 528A Prescribed Grazing 11. 571 Soil Salinity Management - Nonirrigated 12. 590 Nutrient Management 13. 595 Pest Management 14. 610 Toxic Salt Reduction 15. 614 Trough or Tank 16. 642 Well 		
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 and sandy upland soils. The primary grasses planted are bermudagrass, Old World bluestems, and weeping lovegrass. Grade stabilization structures, diversions, and vegetation will stop existing gullies and prevent potential gullies in the field and on oil field locations. A grazing and haying plan will be developed that will recommend stocking rates, grazing and haying schedules, etc. Fencing, prescribed burning and installation of livestock water facilities will help in implementing the grazing plan. Nutrients will be applied as recommended by soil tests and according to the plant's needs for growth and maintenance. Weeds will be controlled with appropriate chemical or mechanical methods. Saline slickspots will be treated to reduce the size of the areas affected and restore forage production. For new plantings select species and varieties that are known to be adapted to the site conditions and the client's needs. Contaminated soil will be removed, buried, or otherwise treated to restore forage production.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	1. Classic Gully Erosion	1. Soil Loss = 0 tons/year	1. Soil Loss Is Reduced 20 tons/year	

2. Forage Production	2. Carrying Capacity > 5 AUMs	2. Carrying Capacity Increased By 2.0 AUMs
3. Weed Competition	3. Weeds < 10% Of Plant Population	3. Forage Production Is Not Limited Weed Competition
4. Low Soil Fertility	4. Soil Fertility Is Adequate For The Plant's Growth And Maintenance	4. Forage Production Is Not Limited By Soil Fertility
5. Livestock Watering Facilities	5. Water Is Adequate For The Planned Class And Number Of Grazing Animals	5. Grazing Management Is Not Limited By Livestock Water Facilities
6. Oil Field Erosion	6. Soil Loss = 0 tons/year	6. Soil Loss Is Reduced 20 tons/year
7. Soil Salinity	7. Carrying Capacity > 5 AUMs	7. Carrying Capacity Increased By 4.7 AUMs
8. Soil Contamination - Oil Field	8. Forage Production Is 100% Of Potential	8. Forage Production Is Not Limited Soil Contamination
9.	9.	9.
10.	10.	10.

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION	<i>List resource concerns, then indicate yes/no</i>
	1. Classic Gully Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Forage Production	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Weed Competition	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Low Soil Fertility	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Livestock Water Facilities	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Oil Field Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	7. Soil Salinity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	8. Soil Contamination - Oil Field	<input checked="" 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, Chickasha, Clinton, Duncan, Lawton, Norman, P.V. Waters, Well.			CRA	080.40.010	System Template Label	GJZ1
Soil Interpretations		Technical and Nontechnical Interpretations, Pastureland Interpretations							

Resource Concerns	Forage Production	Weed Competition	Low Soil Fertility	Livestock Watering Facilities	Oil Field Erosion	Soil Salinity	Soil Contamination Oil Field
	Conservation Practices						
338 Prescribed Burning	+++	+++	N/A	N/A	N/A	N/A	N/A
342 Critical Area Planting	+	0	N/A	N/A	+++	+++	+++
362 Diversion	+	N/A	N/A	++	+++	++	++
378 Pond	+	N/A	N/A	+++	N/A	N/A	N/A
382 Fence	+++	+	N/A	++	+++	++	+++
410 Grade Stabilization Structure	0	N/A	N/A	N/A	+++	N/A	N/A
412 Grassed Waterway	0	N/A	N/A	N/A	+++	N/A	N/A
472 Use Exclusion	+++	+++	N/A	N/A	+++	+++	+++
512 Pasture & Hayland Planting	+++	+	N/A	N/A	+++	+++	+++
528A Prescribed Grazing	+++	+++	N/A	++	+++	++	++
571 Soil Salinity Mgmt - Nonlir	+	N/A	N/A	N/A	N/A	+++	0
590 Nutrient Management	+++	++	+++	N/A	+++	++	+
595 Pest Management	++	+++	++	N/A	0	+	N/A

RATINGS :

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

