

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Altus, Hobart, Hollis, Frederick, Mangum, Sayre, Walters		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.017		
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	11120105016, 11120202016, 11120302016, 026, 030, 11120303020, 050, 11120304020, 11130101015, 020, 030, 11130102010, 020, 11130201010		
7.	SYSTEM TEMPLATE LABEL	FQJZ1		
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. 382 Fence 5. 410 Grade Stabilization Structure 6. 472 Use Exclusion 7. 512 Pasture Planting 8. 528A Prescribed Grazing 9. 590 Nutrient Management 10. 		
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 soils in the floodplains of Prairie Dog Town, Salt, Elm, and North Forks of the Red River. Bermudagrass, weeping lovegrass, and tall wheatgrass are the prevalent grasses planted for pasture in this area. Vegetation, diversions, and grade stabilization structures will stabilize headcuts and reduce scour and streambank erosion problems. For new plantings select species and varieties known to be adapted to the site conditions and the client's needs. A grazing plan will be developed that recommends stocking rates, grazing schedules, etc. Fencing, prescribed burning, and use exclusion will facilitate the grazing plan. Fertilizer will be applied as recommended by soil tests to encourage plant growth and forage production.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Scour Erosion 2. Streambank Erosion 3. Low Soil Fertility 4. Forage Production 5. 	<ol style="list-style-type: none"> 1. Soil Loss = 0 tons/year 2. Soil Loss = 0 tons/year 3. Soil Fertility Meets Plant For Growth and Forage Production 4. Carrying Capacity > 8 AUMs 5. 	<ol style="list-style-type: none"> 1. Soil Loss Reduced by 50 tons/year 2. Soil Loss Reduced by 100 tons/year 3. Soil Fertility Does Not Limit Plant Growth or Forage Production 4. Carrying Capacity Increased by 6 AUMs 5. 	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION <i>List resource concerns, then indicate yes/no</i>	
	1.Scour Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2.Streambank Erosion	<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

State	Oklahoma	Field Office	Altus, Frederick, Hobart, Hollis, Mangum, Sayre, Walters			CRA	078C.40.017	System Template Label	FQJZ1
Soil Interpretations		Technical and Nontechnical Interpretations, Pastureland Interpretations							
Resource Concerns		Scour Erosion	Streambank Erosion	Soil Fertility	Forage Production				
Conservation Practices									
338 Prescribed Burning		N/A	N/A	N/A	+++				
342 Critical Area Planting		+++	+++	N/A	+				
362 Diversion		+++	+++	N/A	+				
382 Fence		N/A	+++	N/A	++				
410 Grade Stabilization Structure		N/A	+++	N/A	+				
472 Use Exclusion		N/A	+++	N/A	++				
512 Pasture and Hayland Planting		+++	++	-	+++				
528A Prescribed Grazing		++	++	-	+++				
590 Nutrient Management		+	+	+++	+++				

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