

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Anadarko, Hobart, Lawton	
3.	MLRA	80A Central Rolling Red Prairies	
4.	COMMON RESOURCE AREA (CRA)	080A.40.009	
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>	
5.1	SOIL	Technical and Nontechnical Interpretations Rangeland 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	11130302110, 140, 150, 160, 170, 180	
7.	SYSTEM TEMPLATE LABEL	GIDZ1	
8.	SYSTEM NAME	Rangeland, Master CMS	
9.	PLANNING PHASE	Non-Benchmark	
10.	PLANNING LEVEL	Resource Management System	
11.	NRCS LANDUSE	GRAZED RANGE	
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. 528A Prescribed Grazing 7. 550 Range Planting 8. 580 Streambank and Shoreline Protection 9. 10. 	
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>	
		<p>This conservation management system consist of native grasses, forbs, and trees on loamy and sandy bottomland soils in the floodplains of the Washita River. This area has Loamy Bottomland and Sub-irrigated ecological sites that support tall and mid height grasses. The potential for high quality forage production is excellent. All of this area is flooded every 1 to 5 years. Diversions and drop structures will reduce the effects of flooding. Vegetating critically eroding areas, diversions, fencing, improved grazing management, grade stabilization structures, and streambank protection will reduce streambank erosion, and gully erosion. Erosion control, vegetation, and improved grazing management will reduce the amount of sediment reaching the streams. For new plantings select species and varieties known to be adapted to site conditions and the client's needs. A grazing plan will be developed that will recommend stocking rates, grazing schedules, etc.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	<ol style="list-style-type: none"> 1. Classic Gully Erosion 2. Streambank Erosion 3. Turbidity of Surface Water 4. Flooding 5. 6. 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Soil Loss = 0 tons/year 2. Soil Loss = 0 tons/year 3. Water Quality Is Improved 4. Forage Production Reduced 10% 5. 6. 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Soil Loss Reduced 30 tons/year 2. Soil Loss Reduced 50 tons/year 3. Treated Acres Do Not Contribute To Surface Water Turbidity 4. Forage Production Increased 10% 5. 6. 7. 8. 9. 10.

Conservation Practice Physical Effects on Resource Concerns Candidate Practice List

State	Oklahoma	Field Office	Anadarko, Hobart, Lawton		CRA	080A.40.009	System Template Label	GIDZ1
Soil Interpretations		Technical and Nontechnical Interpretations, Rangeland Interpretations						
Resource Concerns		Classic Gully Erosion	Streambank Erosion	Turbid Surface Water	Flooding			
Conservation Practices								
338 Prescribed Burning		N/A	N/A	N/A	N/A			
342 Critical Area Planting		+++	+++	+++	+			
362 Diversion		+++	+++	+++	++			
382 Fence		++	++	++	+			
410 Grade Stabilization Structure		+++	+++	+++	N/A			
528A Prescribed Grazing		++	++	++	+			
550 Range Planting		++	++	++				
580 Streambank Protection		+++	+++	+++	++			

RATINGS :

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