

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Anadarko, Chickasha		USE
3.	MLRA	84A Northern Cross Timbers		
4.	COMMON RESOURCE AREA (CRA)	080A.40.003	(084A.40.003)	
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	11130302150, 170, 180, 11130303010, 020		
7.	SYSTEM TEMPLATE LABEL	ICJZ1		
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. 393 Filter Strip 6. 410 Grade Stabilization Structure 7. 442 Irrigation System - Sprinkler 8. 449 Irrigation Water Management 9. 512 Pasture Planting 10. 528A Prescribed Grazing 11. 580 Streambank and Shoreline Protection 12. 590 Nutrient Management 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consists of perennial, introduced grasses planted on loamy and sandy bottomland soils in the flood plains of the Washita River and Sugar Creek. Bermudagrass has traditionally been the species of choice, but in recent years some fields have been planted to tall wheatgrass. All of this area is flooded every 1 to 5 years. Establishing vegetation on critically eroding areas, diversions, fencing, grade stabilization, and streambank protection will control erosion from gullies and streambanks. Grass planting and diversions will also reduce the effects of flooding. Filter strips and grass planting along with erosion control practices will reduce the amount of sediment reaching the streams which causes turbidity. Properly installed and maintained irrigation systems along with nutrient management will improve the health of the grass and increase production potential. Fencing and prescribed burning will facilitate a grazing plant that includes recommended stocking rates, grazing schedules, etc.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Flooding 2. Classic Gully Erosion 3. Surface Water Quality 4. Irrigation Water Management 5. Soil Fertility 6. Streambank Erosion 	<ol style="list-style-type: none"> 1. Forage Production Is 100% Of Potential 2. Soil Loss = 0 tons/year 3. Surface Water Quality Is Improved 4. Irrigation Water Use Efficiency Is > 80% 5. Soil Fertility Meets The Plants Needs For Growth And Maintenance 6. Soil Loss = 0 tons/year 	<ol style="list-style-type: none"> 1. Forage Production Is Not Limited By Flooding 2. Soil Loss Reduced By 50 tons/yr 3. Treated Acres Do Not Contribute To Surface Water Turbidity 4. Irrigation Water Use Efficiency Improved By 30% 5. Forage Production Is Not Limited By Soil Fertility 6. Soil Loss Reduced By 100 tons/yr 	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION	<i>List resource concerns, then indicate yes/no</i>
	1. Flooding	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Classic Gully Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Surface Water Quality	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Irrigation Water Management	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Soil Fertility	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Streambank Erosion	<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**

State	Oklahoma	Field Office	Anadarko, Chickasha	CRA	080A-40-003	System Template Label	ICJZ1
Soil Interpretations Technical and Nontechnical Interpretations, Pastureland Interpretations							
Resource Concerns		Flooding	Classic Gully Erosion	Surface Water Quality	Irrigation Water Management	Soil Fertility	Streambank Erosion
338 Prescribed Burning		0	N/A	+	N/A	N/A	+
342 Critical Area Planting		N/A	+++	+++	N/A	N/A	+++
362 Diversion		+	+++	+++	N/A	N/A	+++
382 Fence		N/A	+++	+++	N/A	N/A	+++
393 Filter Strip		+	0	+++	N/A	N/A	+++
410 Grade Stabilization Structure		N/A	+++	+++	N/A	N/A	+++
442 Irrigation System - Sprinkler		N/A	N/A	N/A	+++	N/A	N/A
449 Irrigation Water Management		N/A	N/A	N/A	+++	N/A	N/A
512 Pasture and Hayland Planting		+	+	++	+	N/A	++
528A Prescribed Grazing		+	+	++	+	N/A	++
580 Streambank Protection		+	+++	+++	N/A	N/A	+++
590 Nutrient Management		0	+	+	N/A	+++	++

084A-40-003

RATINGS :

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