

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Watonga - Blaine County		
3.	MLRA	80A		
4.	COMMON RESOURCE AREA (CRA)	080A.40.003		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Soils Legnds; Technical and Non-Technical Soils Interpretations		
5.2	WATER	Water Quantity and Quality Interpretations/Water Budgets		
5.3	AIR			
5.4	PLANT	Pastureland Interpretations		
5.5	ANIMAL	Threatened & Endangered Species List; Wildlife Interpretations		
5.6	HUMAN			
6.	HYDROLOGIC UNIT	11050002-020, 050, 070, 100; 11100301-040, 050		
7.	SYSTEM TEMPLATE LABEL	GCJZB		
8.	SYSTEM NAME	Sandy Land		
9.	PLANNING PHASE	Non-benchmark		
10.	PLANNING LEVEL	RMS		
11.	NRCS LANDUSE	Pasture		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. Riparian Forest Buffer (197) 2. Prescribed Burning (338) 3. Critical Area Planting (342) 4. Fencing (382) 5. Pipeline for Livestock (516) 6. Prescribed Grazing (528A) 7. Streambank and Shoreline Protection (580) 8. Nutrient Management (590) 9. Pest Management (595) 10. Trough or Tank (614) 11. Well (642) 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This system includes management of established Bermudagrass and/or Weeping lovegrass on rolling, deep sandy soils. Prescribed grazing (facilitated by fencing and water facilities), critical area planting, riparian forest buffers and streambank protection will aid in control of erosion along streams. Reduced sediment from erosion control will also reduce flood hazard due to improved stream capacity. Plant productivity, health and vigor will be improved through proper application of nutrients, pesticides, prescribed grazing and prescribed burning. Livestock water needs will be met with installation of necessary watering facilities. Prescribed burning will control Eastern redcedar but will produce short term air quality, health and safety concerns due to smoke.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Soil - Eros. - Streambank 2. Water - Quan. - Flooding 3. Plant - Cond. - Prod. 4. Plant - Cond. - Hlth/Vig. 5. Plant - Mgt. - Nutrient 6. Plant - Mgt. - Pest 7. Animal - Hab. - Water 8. Animal - Mgt. - Pop/Res 9. Air - Qual. - Smoke 	<ol style="list-style-type: none"> 1. 0 tons/yr soil loss 2. Improved stream cap. 3. 83% potential prod. 4. Imp. health & vigor 5. Proper application. 6. ERC <10% canopy 7. Water storage doubled 8. 6 AUM's/Ac/Yr 9. Smoke/safety/health 	<ol style="list-style-type: none"> 1. 50 Tons/Yr soil saved 2. Reduced damage/prod. losses 3. 13% prod. increase 4. Imp. growth & quality 5. Prod./plant needs met 6. 15% + decrease in canopy 7. 100% incr. water storage 8. 1 AUM/ac/yr increase 9. Short term neg. impact 	

080A. 40.003
 GCJ2A
 GCJ2B

Conservation Practice Physical Effects on Resource Concerns
 Candidate Practice List

State	Oklahoma	Field Office	MLRA	80A						
Soil Interpretations	Resource Concerns	SOIL Erosion Streambank	WATER Quantity Flooding	PLANT Management For. Prod.	PLANT Condition Hh. & Uj. or	PLANT Management Nutrient	PLANT Management Pest	ANIMAL Habitat Dom. Water	ANIMAL Management Pop. Res. Bel.	AIR Quality Smoke (S&H)
	Cand. Practices									
	342	+	+	+	+	+	N/A	+	+	N/A
	382	+	+	+	+	N/A	+	+	+	N/A
	338	0	0	+	+	0	+	0	+	-
	528A	0	+	+	+	N/A	+	+	+	N/A
	* 391	+	+	0	0	0	0	0	0	0
	580	+	+	0	0	0	0	0	+	N/A
	* 614	0	0	0	0	0	0	+	+	0
	* 590	0	0	+	+	+	0	0	+	0
	* 595	0	0	+	+	0	+	0	+	0
	* 642	0	0	0	0	0	0	+	+	0
	* 516	0	0	0	0	0	0	+	+	N/A

* Not in FoTG, Sec. V