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.40.001
5.	RESOURCE INTERPRETATIONS	*for each resource enter available interp data*
5.1	SOIL	Soils Legends; Technical and Non-Technical Soils Interpretations
5.2	WATER	Water Quantity and Quality Interpretations/Water Budgets
5.3	AIR	
5.4	PLANT	Rangeland Interpretations
5.5	ANIMAL	Threatened and Endangered Species List; Wildlife Interpretations
5.6	HUMAN	
6.	HYDROLOGIC UNIT	11050002-020, 050, 070, 100; 11090201-060, 070, 080, 090; 11090202-010, 020, 030; 11100301-040, 050
7.	SYSTEM TEMPLATE LABEL	GADZB
8.	SYSTEM NAME	Sloping Uplands
9.	PLANNING PHASE	Non-benchmark
10.	PLANNING LEVEL	RMS
11.	NRCS LANDUSE	Grazed range
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. Brush Management (314)
2. Prescribed Burning (338)
3. Critical Area Planting (342)
4. Diversion (362)
5. Pond (378)
6. Fencing (382)
7. Grade Stabilization Structure (410)
8. Pipeline for Livestock (516)
9. Prescribed Grazing (528A)
10. Streambank and Shoreline Protection (580)
11. Pest Management (595)
12. Trough or Tank (614)
13. Well (642)
14. Riparian Forest Buffer (391)

13.	SYSTEM NARRATIVE	*describe how the practices work together as a system*

This system consists of good condition native tall and mid-grass pastures on upland, loamy soils varying in depth and slope. Prescribed grazing (facilitated by fencing, ponds, wells, pipelines and/or tanks), critical area planting, diversions, riparian forest buffers, grade stabilization structures and streambank protection will aid in control of gully and/or streambank erosion. Reduced sediment from erosion control will also reduce flood hazard due to improved stream capacity. Livestock water needs will be met with installation of necessary watering facilities. Prescribed grazing (facilitated by fencing, watering facilities and prescribed burning), brush management and pest management will result in proper stocking and improved plant production, site condition, health and vigor. Prescribed burning will produce short term air quality, health and safety concerns due to smoke.

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	1. Soil - Eros - Gully	1. 0 Ton/yr soil loss	1. 50 Ton/Yr soil saved
	2. Soil - Eros - Streambank	2. 0 Ton/yr soil loss	2. 50 Ton/Yr soil saved
	3. Water - Quant - Flooding	3. Improved stream cap.	3. Reduced damage/prod. losses
	4. Plant - Cond - Productiv.	4. 5000 lbs/ac/yr	4. 2000 #/ac/yr increased prod
	5. Plant - Cond - Hlth/Vigor	5. Imp. health & vigor	5. Imp. growth & quality
	6. Plant - Mgmt - Pest	6. Pests controlled	6. Red. comp./Imp. prod.
	7. Animal - Hab. - Water	7. Water storage doubled	7. Water storage increased 100%
	8. Animal - Mgmt - Pop/Res.	8. 10-12 Ac/AU/yr	8. 2-5 Ac/AU/yr improvement
	9. Air - Qual - Smoke	9. Smoke/safety & health	9. Short term negative impact

CRA con't	SYSTEM TEMPLATE LABEL cont'd		
17.	QUALITY CRITERIA DOCUMENTATION *List resource concerns, then indicate yes/no*		
	1. Soil - Erosion - Classic Gully	_X_ YES	____NO
	2. Soil - Erosion - Streambank	_X_ YES	____NO
	3. Water - Quantity - Flooding	_X_ YES	____NO
	4. Plant - Condition - Productivity	_X_ YES	____NO
	5. Plant - Condition - Health & Vigor	_X_ YES	____NO
	6. Plant - Management - Pest Management	_X_ YES	____NO
	7. Animal - Habitat - Water	_X_ YES	____NO
	8. Animal - Management - Population/Resource Balance	_X_ YES	____NO
	9. Air - Quality - Smoke	_X_ YES	____NO

080A.40.001
GAD2A
GAD2B

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office		MLRA	80A

Soil Interpretations

Resource Concerns / Cons. Practices	SOIL Erosion Gully	SOIL Erosion Streambank	WATER Quantity Flooding	PLANT Management Fav. Prod.	PLANT Condition Hlth & Vigor	PLANT Management Pests	ANIMAL Habitat Dom. Water	ANIMAL Management Pop./Res. Bal.	AIR Quality Smoke (S&H)	
342	+	+	+	+	+	N/A	+	+	0	
382	+	+	0	+	+	+	+	+	0	
* 338	(-)	(-)	(-)	+	+	+	(-)	+	–	
528A	+	+	+	+	+	+	+	+	0	
314	0	0	0	+	+	+	0	+	0	
580	0	+	+	0	0	0	0	+	0	
* 614	0	0	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	+	+	0	
378	+	N/A	+	+	+	0	+	+	0	
* 410	+	+	+	0	0	0	+	0	0	
362	+	0	+	+	(-)	–	+	+	0	
* 391	0	+	+	0	0	0	+	0	0	

* Not in FOTG Sec. II

(-) short term. negative effect