MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Taloga- Dewey 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	Pastureland Interpretations
5.5	ANIMAL	Threatened and Endangered Species List; Wildlife Interpretations
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	GAJZB
8.	SYSTEM NAME	Sloping Uplands
9.	PLANNING PHASE	Non-benchmark
10.	PLANNING LEVEL	RMS
11.	NRCS LANDUSE	Pasture
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. Prescribed Burning (338)
2. Critical Area Planting (342)
3. Diversion (362)
4. Pond (378)
5. Fencing (382)
6. Grade Stabilization Structure (410)
7. Pipeline for Livestock (516)
8. Prescribed Grazing (528A)
9. Streambank & Shoreline Prot. (580)
10. Nutrient Management (590)
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 includes grazing management of established Bermudagrass and/or Old World bluestems on soils of varying depth, texture and slope. Prescribed grazing (facilitated by fencing and water facilities), critical area planting, diversions, riparian forest buffers, grade stabilization structures and/or 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), nutrient management and pest management will result in proper stocking and improved plant production, 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 Tons/yr soil loss	1. 50 T/Yr soil saved
	2. Soil - Eros - Streambank	2. 0 Tons/yr soil loss	2. 50 T/Yr soil saved
	3. Water - Quant - Flooding	3. Improved stream cap.	3. Reduced damage/prod. losses
	4. Plant - Cond - Prod.	4. 83% potential prod.	4. 13% incr. production
	5. Plant - Cond - Hlth/Vigor	5. Imp. health & vigor	5. Imp. growth & quality
	6. Plant - Mngt - Nutrient	6. Proper application	6. Prod./plant needs met
	7. Plant - Mngt - Pest	7. Pests controlled	7. Red. comp./Imp. prod.
	8. Animal - Hab. - Water	8. Water storage doubled	8. 100% incr. water storage
	9. Animal - Mgmt - Pop/Res	9. 6 AUM's/ac/yr	9. 1 AUM/Yr increase
	10. Air - Qual - Smoke	10. Smoke/safety/health	10. Short term impact

CRA con't	SYSTEM TEMPLATE LABEL cont'd		
17.	QUALITY CRITERIA DOCUMENTATION *List resource concerns, then indicate yes/no*		
	1. Soil - Erosion - 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 - Nutrient	_X_ YES	___ NO
	7. Plant - Management - Pest	_X_ YES	___ NO
	8. Animal - Habitat - Water	_X_ YES	___ NO
	9. Animal - Management - Population/Resource Balance	_X_ YES	___ NO
	10. Air - Quality - Smoke	_X_ YES	___ NO

080A.40.001
GAJ2A
GAJ2B

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 For. Prod.	PLANT Condition Hlth & Vigor	PLANT Management Nutrient	PLANT Management Pest	ANIMAL Habitat Dom. Water	ANIMAL Management Pop./Res. Bal	AIR Quality Smoke (Sf#)
342	+	+	+	+	+	+	N/A	+	+	0
382	+	+	0	+	+	N/A	+	+	+	0
* 338	(−)	(−)	(−)	+	+	0	+	0	+	−
528A	+	+	+	+	+	N/A	+	+	+	0
362	+	0	+	+	(−)	N/A	−	+	+	0
580	0	+	+	0	0	0	0	0	+	0
* 614	0	0	0	0	0	0	0	+	+	0
* 590	0	0	0	+	+	+	0	0	+	0
* 595	0	0	0	+	+	0	+	0	+	0
* 642	0	0	0	0	0	0	0	+	+	0
* 516	0	0	0	0	0	0	0	+	+	0
378	+	N/A	+	+	+	N/A	0	+	+	0
* 410	+	+	+	0	0	0	0	+	0	0
* 391	0	+	+	0	0	N/A	−	N/A	0	0

* Not in FOTG, Sec. II
(−) Short term negative effect