MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Taloga - Dewey County
3.	MLRA	78C
4.	COMMON RESOURCE AREA (CRA)	078C.40.008
5.	RESOURCE INTERPRETATIONS	*for each resource enter available interp data*
5.1	SOIL	Soil Legends, Technical/Non-Technical Soil Interpretations
5.2	WATER	Water Quantity and Quality
5.3	AIR	
5.4	PLANT	Pasture & Hayland Interpretations
5.5	ANIMAL	Threatened & Endangered Species List,
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	FHJZB
8.	SYSTEM NAME	Sandy Deposits
9.	PLANNING PHASE	Non-Benchmark
10.	PLANNING LEVEL	RMS
11.	NRCS LANDUSE	Pasture
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. Brush Management (314)
2. Fencing (382)
3. Prescribed Grazing (528A)
4. Nutrient Management (590)
5. Pest Management (595)
6. Trough or Tank (614)
7. Well (642)
8.
9.
10.

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

This system consists of introduced pastures of Weeping lovegrass and Crabgrass used for livestock production. Incorporating prescribed grazing, which includes fencing, tanks, wells and brush management, will greatly improve plant health and vigor and improve grazing distribution, while balancing available forage with livestock numbers. Nutrient management will be used when applying fertilizer, to meet yield goals and maintain healthy, vigorous grass stands, while also reducing potential groundwater contaminants. Pest management will also reduce groundwater contaminants and control competition from various plant pests.

14.

RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
1. Water - Qual. - G.W.	1. Control contam. source	1. Cleaner groundwater
2. Plant - Health/Vigor	2. Increase forage qual.	2. Increased production
3. Plant - Est/Grth/Harv.	3. Improve distribution	3. Increased production
4. Plant - Nutrient	4. Improved fertility	4. Increased production
5. Plant - Pest	5. 10% prod. loss	5. 40% prod. increase
6. Animal - Pop/Res Bal.	6. Improved stocking	6. Animal/Forage Balance
7.	7.	7.
8.	8.	8.
9.	9.	9.
10.	10.	10.

17. QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no*

1. Water - Quality - Groundwater Contamination	_X_ YES	____NO
2. Plants - Condition - Health and Vigor	_X_ YES	____NO
3. Plants - Management - Establishment/Growth/Harvest	_X_ YES	____NO
4. Plants - Management - Nutrient	_X_ YES	____NO
5. Plants - Management - Pest	_X_ YES	____NO
6. Animals - Management - Population/Resource Balance	_X_ YES	____NO
7.	____YES	____NO
8.	____YES	____NO
9.	____YES	____NO
10.	____YES	____NO

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	OK	Field Office	Talogg	MLRA	78C / 80C.
Soil Interpretations					

Resource Concerns / Cons. Practices	Plants Nutrient	WATER QUALITY GW	Plant HEALTH Vigor	Plant Mgt Est.	Brush Mgt	Resource Pop Mgt				
Wells	0	+	+	+	+	+				
TANKS	0	+	+	+	+	+				
Prescribe Grazing	+	+	+	+	+	+				
Nutrient Mgt	+	+/-	+	+	+	+				
Pest Mgt	+	-/+	+	+	+	+				
Fencing	+	+	+	+	+	+				
Brush Mgt	-/+	-/+	+	+	+	+				