MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Buffalo - Harper County
3.	MLRA	78C
4.	COMMON RESOURCE AREA (CRA)	078C.40.002
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	11040008-014, 034; 11050001-010, 025
7.	SYSTEM TEMPLATE LABEL	FBJKB
8.	SYSTEM NAME	78C - Rolling 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. Diversion (362)
3. Fencing (382)
4. Grade Stabilization Structure (410)
5. Livestock Pipeline (516)
6. Prescribed Grazing (528A)
7. Nutrient Management (590)
8. Tank or Trough (614)
9. Livestock Well (642)
10.

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

Improved management of grazed or hayed pasture acreage will greatly increase plant health and vigor, productivity, and general overall growth. Increased livestock water and cross fencing is needed to help better distribute livestock grazing while also providing wildlife benefits. Prescribed burning as a management tool will help stimulate growth and remove old residues. Fertilization according to current soil tests will insure maximum potential production. Diversion terraces and grade stabilization structures may be needed to control excessive runoff from flooding.

14.

RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
1. Soil - Cond -Compaction	1. Increased production	1. 1000#/ac/yr.
2. Water - Quant - Flooding	2. Decreased damages	2. Soil loss to "T"
3. Air - Qual - Smoke	3. Proper burning technique	3. No accidents
4. Plant - Cond - Product.	4. Increase production	4. 2000#/ac/yr added prod.
5. Plant - Cond - Hlth/Vig	5. Increase production	5. Increased forage yields
6. Plant - Mgt - Est/Gwt/Hv	6. Increased gains	6. Increase forage yields
7. Plant - Mgt - Nutrient	7. Economic fertilization	7. Match fert. w/ production
8. Animals - Hab - Food	8. Increased food supply	8. Increased production
9. Animals - Hab - Water	9. Better water dist.	9. Increased distribution
10.Animals - Mgt - Pop/Res	10. Maximize distribution	10. Proper forage use

17.	QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no*		
	1. Soil - Condition - Compaction	_X_ YES	____NO
	2. Water - Quantity - Flooding	_X_ YES	____NO
	3. Air - Quality - Smoke	_X_ YES	____NO
	4. Plant - Condition - Productivity	_X_ YES	____NO
	5. Plant - Condition - Health and Vigor	_X_ YES	____NO
	6. Plant - Management - Establishment/Growth/Harvest	_X_ YES	____NO
	7. Plant - Management - Nutrient	_X_ YES	____NO
	8. Animals - Habitat - Domestic Food	_X_ YES	____NO
	9. Animals - Habitat - Domestic Water	_X_ YES	____NO
	10. Animals - Management - Population/Resource Balance	_X_ YES	____NO

ROLLING UPLANDS - PASTURE

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	OK	Field Office	BUFFALO	MLRA	
Soil Interpretations					

Resource Concerns / Cons. Practices	SOIL COMPACTION	FLOODING	AIR SMOKE	PLANT PRODUCTION	HEALTH	GROWTH	NUTR. MGT.	ANIMAL FOOD	WATER	BALANCE
PRES. GRAZING	+	N/A	N/A	+	+	+	N/A	+	+	+
PLAN. GRAZING	+	"	"	+	+	+	"	+	+	+
DIVERSIONS	N/A	+	"	N/A	N/A	N/A	"	N/A	+	N/A
NUTRIENT MGT.	"	N/A	"	+	+	+	+	+	N/A	+
WELL	"	"	"	+	N/A	N/A	N/A	+	+	+
TANK	"	"	"	+	N/A	"	"	+	+	+
FENCING	"	"	"	+	"	"	"	+	N/A	+
PIPELINE	"	"	"	+	"	"	"	+	+	+
PRES. BURNING	"	"	−	+	+	"	"	−	N/A	+
GSS	"	+	N/A	N/A	N/A	"	"	N/A	+	+