MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1	STATE	OKLAHOMA
2	FIELD OFFICE	Ada, Atoka, Coalgate, Eufaula, Holdenville, McAlester, Muskogee, Okemah, Stigler, Tulsa, Wagoner
3	MLRA	118B
4.	COMMON RESOURCE AREA (CRA)	118B.40.001
5	RESOURCE INTERPRETATIONS	*see Section II FOTG for interpretations*
5.1	SOIL	FOTG, SECTION I - EROSION PREDICTION FOTG, SECTION II - SOILS LEGENDS FOTG, SECTION II - SOIL DESCRIPTIONS - NONTECHNICAL FOTG, SECTION II - SOIL DESCRIPTIONS - TECHNICAL FOTG, SECTION II - HYDRIC SOIL INTERPRETATIONS FOTG, SECTION II - ENGINEERING INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - SOIL FOTG, SECTION V-A-1 - EFFECTS FOR CMS FORMULATION - SOIL FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.2	WATER	FOTG, SECTION I - CLIMATIC DATA FOTG, SECTION I - STATE/LOCAL LAWS, ORDINANCES, REGULATIONS FOTG, SECTION II - WATER QUANTITY AND QUALITY INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - WATER FOTG, SECTION V-A-1 - EFFECTS FOR CMS FORMULATION - WATER FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.3	AIR	FOTG, SECTION I - CLIMATIC DATA FOTG, SECTION I - STATE/LOCAL LAWS, ORDINANCES, REGULATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - AIR FOTG, SECTION V-A-1 - EFFECTS FOR CMS FORMULATION - AIR FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.4	PLANT	FOTG, SECTION I - THREATENED AND ENDANGERED SPECIES FOTG, SECTION II - RANGELAND, GRAZED FORESTLAND, NATIVE PASTURELAND INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - PLANTS FOTG, SECTION V-A-1 - EFFECTS FOR CMS FORMULATION - PLANTS FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.5	ANIMAL	FOTG, SECTION I - THREATENED AND ENDANGERED SPECIES FOTG, SECTION II - WILDLIFE INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - ANIMALS FOTG, SECTION V-A-1 - EFFECTS FOR CMS FORMULATION - ANIMALS FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS FOTG, SECTION V-B-1 - EFFECTS FOR DECISIONMAKING - PRODUCER EXPERIENCES
5.6	HUMAN	FOTG, SECTION I - COST DATA FOTG, SECTION I - CULTURAL RESOURCE INFORMATION FOTG, SECTION I - STATE/LOCAL LAWS, ORDINANCES, REGULATIONS FOTG, SECTION V-B-1 - EFFECTS FOR DECISIONMAKING - PRODUCER EXPERIENCES
6	HYDROLOGIC UNIT	
7	SYSTEM TEMPLATE LABEL	QAIZ1
8	SYSTEM NAME	NATIVE OR NATURALIZED PASTURE
9	PLANNING PHASE	NON-BENCHMARK
10	PLANNING LEVEL	RMS
11	NRCS LANDUSE	NATIVE PASTURE

12	PLANNED CONSERVATION PRACTICES	*enter code / name of practice*
	1. 314 - Brush Management 2. 338 - Prescribed Burning 3. 342 - Critical Area Planting 4. 362 - Diversion 5. 378 - Pond 6. 382 - Fencing 7. 391 - Riparian Forest Buffer 8. 394 - Firebreak 9. 410 - Grade Stabilization Structure	10. 472 - Use Exclusion 11. 516 - Pipeline 12. 528-A - Prescribed Grazing 13. 550 - Range Seeding 14. 590 - Nutrient Management 15. 595 - Pest Management 16. 614 - Trough or Tank 17. 642 - Well 18. 645 - Wildlife Upland Habitat Management

13	SYSTEM NARRATIVE	*describe how the practices work together as a system*
	These areas will be primarily managed for livestock grazing and will be maintained in native vegetation. In most cases, timber will be manipulated in order to promote native grass production. In areas where this land will be used primarily for shade and shelter by livestock, little or no timber manipulation will occur. Brush management, prescribed burning, use exclusion, prescribed grazing, range seeding, nutrient management and pest management can all be used to improve forage production. Plant pests can be controlled by applying brush management and pest management principles and through the use of prescribed burning practices. Animal numbers and forage requirements can be balanced with forage production by applying prescribed grazing techniques, by constructing fences, and by constructing ponds, troughs or tanks in order to better utilize forage and distribute grazing by livestock. All existing or constructed livestock watering facilities will be maintained.	

14	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	1. Forage Production	1. By applying brush management, prescribed burning, use exclusion, prescribed grazing, range seeding, nutrient management, and pest management, forage production can be increased to an average between 1,500 and 3,000 lbs./acre/year.	1. Increase in forage production of 1000 to 2,000 lbs./acre/year.
	2. Plant Pests	2. By applying brush management and pest management in combination with prescribed grazing techniques and, in some situations, nutrient management, plant pests such as weeds and brush can be reduced to a minimal level.	2. Reduction in plant pests. Increased forage production due to reduced competition.
	3. Animals Population - Resource Balance Management	3. By fencing, using prescribed grazing techniques, and applying plant nutrients in applicable situations, livestock numbers and forage requirements can be balanced with forage production.	3. Improved utilization of forage. Increase in livestock production. Improved forage production.
CRA	118B.40.001	SYSTEM TEMPLATE LABEL	QAIZ1

15	* QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no (X)*	
	1. Forage Production 2. Plant Pests 3. Animals Population - Resource Balance Management	_X_ YES ___NO _X_ YES ___NO _X_ YES ___NO

* Provides an indication that the resource quality criteria will be met.

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office	Ada, Atoka, Coalgate, Eufaula, Holdenville, McAlester, Muskogee, Okemah, Stigler, Tulsa, Wagoner	MLRA	118B	System Template Label	OAIZ1

Resource Concerns / Conservation Practices	Forage Production	Plant Pests	Animals Population - Resource Balance Management					
314-Brush Management	+ + +	+ + +	+ + +					
338-Prescribed Burning	+ + +	+ + +	+ + +					
342-Critical Area Planting	+ + +	+ + +	+ + +					
362-Diversion	+	+	+					
378-Pond	N/A	N/A	+ + +					
382-Fencing	F +	F +	F + +					
391-Riparian Forest Buffer	N/A	N/A	N/A					
394-Firebreak	F +	F +	F +					
410-Grade Stabilization Structure	N/A	N/A	+ +					
472-Use Exclusion	F + + +	F +	N/A					
516-Pipeline	N/A	N/A	F + + +					
528A-Prescribed Grazing	+ + +	+ + +	+ + +					
550-Range Seeding	+ + +	+ + +	+ + +					

RATINGS:

Not Applicable	=	N/A	Slight	=	+ or -
Negligible	=	0	Moderate	=	+ + or --
Facilitating	=	F	Significant	=	+ + + or ---

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office	Ada, Atoka, Coalgate, Eufaula, Holdenville, McAlester, Muskogee, Okemah, Stigler, Tulsa, Wagoner	MLRA	118B	System Template Label	OAIZ1

Resource Concerns / Conservation Practices	Forage Production	Plant Pests	Animals Population - Resource Balance Management					
590-Nutrient Management	N/A	N/A	N/A					
595-Pest Management	+	+ + +	+ +					
614-Trough or Tank	F +	F +	F + + +					
642-Well	F	F	F + + +					
645-Wildlife Upland Habitat Mgt.	+	N/A	-					

RATINGS:

Not Applicable	=	N/A	Slight	=	+ or -
Negligible	=	0	Moderate	=	+ + or --
Facilitating	=	F	Significant	=	+ + + or ---