MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1	**STATE**	OKLAHOMA
2	**FIELD OFFICE**	Antlers, Atoka, Coalgate, Hugo, Idabel, McAlester, Poteau, Stigler, Wilburton
3	**MLRA**	119
4.	**COMMON RESOURCE AREA (CRA)**	
5	**RESOURCE INTERPRETATIONS**	***see Section II FOTG for interpretations***
5.1	**SOIL**	FOTG, SECTION I - EROSION PREDICTION FOTG, SECTION II - SOIL AND SITE INFORMATION FOTG, SECTION II - SOILS LEGEND FOTG, SECTION II - SOIL DESCRIPTIONS - NONTECHNICAL FOTG, SECTION II - SOIL DESCRIPTIONS - TECHNICAL FOTG, SECTION II - HYDRIC SOIL INTERPRETATIONS FOTG, SECTION II - WILDLIFE INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - SOIL FOTG, SECTION V-A-1 - CONSERVATION EFFECTS - SOIL FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.2	**WATER**	FOTG, SECTION I - CLIMATIC DATA FOTG, SECTION II - WATER QUANTITY AND QUALITY INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - WATER FOTG, SECTION V-A-1 - CONSERVATION EFFECTS - 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 - CONSERVATION EFFECTS - AIR FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.4	**PLANT**	FOTG, SECTION I - THREATENED AND ENDANGERED SPECIES FOTG, SECTION II - FORESTLAND INTERPRETATIONS FOTG, SECTION II - RANGELAND INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - PLANTS FOTG, SECTION V-A-1 - CONSERVATION EFFECTS - 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 MANAGEMENTS SYSTEMS - WILDLIFE FOTG, SECTION V-A-1 - CONSERVATION EFFECTS - ANIMALS FOTG, SECTION V-A-2 - EFFECTS FOR GUIDANCE DOCUMENTS
5.6	**HUMAN**	FOTG, SECTION I - CULTURAL RESOURCE INFORMATION FOTG, SECTION I - STATE/LOCAL LAWS, ORDINANCES, REGULATIONS FOTG, SECTION V-B-1 - CONSERVATION EFFECTS - PRODUCER EXPERIENCES
6	**HYDROLOGIC UNIT**	
7	**SYSTEM TEMPLATE LABEL**	RAOZ1
8	**SYSTEM NAME**	WILDLIFELAND
9	**PLANNING PHASE**	NON-BENCHMARK
10	**PLANNING LEVEL**	RMS
11	**NRCS LANDUSE**	WILDLIFE

12	**PLANNED CONSERVATION PRACTICES**	*enter code / name of practice*

1. 314 - Brush Management
2. 338 - Prescribed Burning
3. 356 - Dike
4. 378 - Pond
5. 382 - Fencing
6. 391 - Riparian Forest Buffer
7. 394 - Firebreak
8. 399 - Fishpond Management
9. 472 - Use Exclusion
10. 528-A - Prescribed Grazing
11. 550 - Range Seeding
12. 580 - Streambank and Shoreline Protection
13. 590 - Nutrient Management
14. 595 - Pest Management
15. 612 - Tree/Shrub Establishment
16. 644 - Wildlife Wetland Habitat Management
17. 645 - Wildlife Upland Habitat Management
18. 666 - Forest Stand Improvement

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

The hardwood and/or hardwood/pine timber typically growing on these areas can be partially thinned to increase canopy openings and allow more ground cover production on the forest floor. Native grasses stimulated by the removal of some of the canopy will provide nesting and roosting cover for ground dwelling birds and other wildlife. Additional production of browse species will also be stimulated by the removal of some of the canopy. Some of the stumps left from tree removal may need to be treated with herbicide to prevent excessive resprouting, although, some resprouting is desirable as browse for deer and other wildlife. Water for wildlife on these areas can usually be provided by existing ponds, streams, springs, etc. in these, or adjoining areas. In order to properly manage some of these areas, fencing may be required in order to limit access by livestock and, thus, prevent overgrazing problems.

14	**RESOURCE CONCERNS**	**MAGNITUDE/EFFECTS**	**IMPACTS**
	1. Number of Trees Per/Acre	1. By using forest stand improvement and brush management practices, tree stocking rate can be reduced to 250 trees per acre.	1. Reduction in trees per acre. Improvement in mast and browse production. Improvement in nesting cover for some species of wildlife.
	2. Wildlife Food Requirements	2. By planting trees and shrubs, using forest stand improvement practices, range seeding, and prescribed burning, wildlife food requirements can more adequately be met for a greater number of species.	2. Improved diversity in wildlife food supply. Improvement in wildlife food production.
	3. Wildlife Cover - Shelter	3. By using forest stand improvement practices, areas of irregular size and shape can be thinned to allow for more mast, browse, and nesting cover production and/or establishment.	3. Improved wildlife habitat. Improved mast and browse production. Improved nesting cover for some species.
	4. Animals Population - Resource Balance Management	4. By utilizing prescribed grazing techniques, any grazing by livestock can be managed to balance livestock numbers with forage production.	4. Balanced livestock numbers with forage production. Improvement of forage production and diversity through proper management.

CRA	**119.40.001**	**SYSTEM TEMPLATE LABEL**	RAOZ1

15	*** QUALITY CRITERIA DOCUMENTATION** *list resource concerns then indicate yes/no (X)*	
	1. Number of Trees Per/Acre	_X_YES ___NO
	2. Wildlife Food Requirements	_X_YES ___NO
	3. Wildlife Cover - Shelter	_X_YES ___NO
	4. Animals Population - Resource Balance Management	_X_YES ___NO

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

Conservation Practice Physic. .fects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office	Antlers, Atoka, Coalgate, Hugo, Idabel, McAlester, Poteau, Stigler, Wilburton	MLRA	119	System Template Label	RAOZ1

Resource Concerns / Conservation Practices	Number of Trees/Acre	Wildlife Food Requirements	Wildlife Cover - Shelter	Animals Population - Resource Balance Management				
314-Brush Management	+ + +	+ + +	+ + +	+ + +				
338-Prescribed Burning	+ +	+ +	+ +	+ +				
356-Dike	N/A	+	+	+ + +				
378-Pond	N/A	+ + +	+	+ + +				
382-Fencing	F+	F+ +	F+ +	F+ + +				
391-Riparian Forest Buffer	+ + +	+ + +	+ + +	+ + +				
394-Firebreak	F-	F+	F-	F+				
399-Fishpond Management	N/A	+ +	N/A	+ +				
472-Use Exclusion	F+	F+ +	F+ + +	F+ + +				
528A-Prescribed Grazing	-	---	--	---				
550-Range Seeding	N/A	+	+ + +	+ +				
580-Streambank & Shoreline Prot.	F+	F+ +	F+ + +	F+ + +				
590-Nutrient Management	N/A	+ +	N/A	N/A				

RATINGS :

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

Conservation Practice Physic. ,fects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office	Antlers, Atoka, Coalgate, Hugo, Idabel, McAlester, Poteau, Stigler, Wilburton	MLRA	119	System Template Label	RAOZ1

Resource Concerns / Conservation Practices	Number of Trees/Acre	Wildlife Food Requirements	Wildlife Cover - Shelter	Animals Population - Resource Balance Management				
595-Pest Management	N/A	+	N/A	N/A				
612-Tree/Shrub Establishment	+ + +	+ + +	+ + +	+ + +				
644-Wildlife Wetland Habitat Mgt.	F+	F+ +	F+	F+ + +				
645-Wildlife Upland Habitat Mgt.	F+	F+ + +	F+ + +	F+ + +				
666-Forest Stand Improvement	F+	F+ + +	F+ + +	F+ + +				

RATINGS :

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