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 - SOIL AND SITE INFORMATION FOTG, SECTION II - SOILS LEGEND FOTG, SECTION II - SOIL DESCRIPTIONS - NONTECHNICAL FOTG, SECTION II - SOIL DESCRIPTIONS - TECHNICAL FOTG, SECTION II - WATER QUANTITY AND QUALITY INTERPRETATIONS FOTG, SECTION II - HYDRIC SOIL INTERPRETATIONS FOTG, SECTION II - RANGELAND INTERPRETATIONS FOTG, SECTION II - PASTURE AND HAYLAND 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 - RANGELAND INTERPRETATIONS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - PLANTS FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - RANGE FOTG, SECTION III - RESOURCE MANAGEMENT SYSTEMS - HAY 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 MANAGEMENT SYSTEMS - ANIMALS FOTG, SECTION III - RESOURCE MANAGEMENT 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	QAEX1
8	SYSTEM NAME	HAYLAND (Native Grass)
9	PLANNING PHASE	NON-BENCHMARK
10	PLANNING LEVEL	RMS

11	NRCS LANDUSE	HAY	
12	PLANNED CONSERVATION PRACTICES		*enter code / name of practice*
	1. 472 - Use Exclusion 2. 511 - Forage Harvesting Management 3. 590 - Nutrient Management 4. 595 - Pest Management		
13	SYSTEM NARRATIVE	*describe how the practices work together as a system*	
	The native grass hay production will improve in both quantity and quality with proper management, fertilization and weed control. A light application of commercial fertilizer may improve the production and vigor of some native hay fields. Significant weed infestations can be controlled with herbicides. Weeds should be treated when there are three or more weeds per square foot or when the canopy cover exceeds 50%.		
14	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	1. Plants Productivity	1. By reducing hay cuttings on native grass to one per year, and with light fertilization and any necessary weed control, the productivity of the native grass plants should improve.	1. Improved plant productivity. Production should increase by 1,000 to 2,000 lbs./acre/ year or more.
	2. Plants Health and Vigor	2. By proper management of hay cuttings and sometimes light fertilization, plant health and vigor can be improved. Range trend condition index will improve from a -1 to a +1. Range similarity index will increase to 60.	2. Improved native grass plant health and vigor. Range trend condition index will improve (+2). Range similarity index will improve by an average of 20 index points.
	3. Establishment, Growth and Harvest	3. A reduction in hay on native grass to one per year, and cutting on or prior to July 10th will improve plant growth and improve native grass species establishment.	3. Improved range condition. Increased hay production. Improved hay quality.
CRA	118B.40.001	SYSTEM TEMPLATE LABEL	QAEZ1
15	* QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no (X)*		
	1. Plants Productivity 2. Plants Health and Vigor 3. Establishment, Growth and Harvest		_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	QAEX1

Resource Concerns / Conservation Practices	Plants Productivity	Plants Health and Vigor	Establishment, Growth and Harvest					
472-Use Exclusion	+ + +	+ + +	+ + +					
511-Forage Harvesting Mgt.	+ + +	+ + +	+ + +					
590-Nutrient Management	N/A	N/A	N/A					
595-Pest Management	+ + +	+ + +	+ + +					

RATINGS:

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