MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1	STATE	OKLAHOMA
2	FIELD OFFICE	Antlers, Atoka, Durant, Hugo, Idabel, Tishomingo
3	MLRA	133B
4.	COMMON RESOURCE AREA (CRA)	133B.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 - HYDRIC SOIL INTERPRETATIONS FOTG, SECTION II - NONAGRICULTURAL 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 II - WASTE DISPOSAL 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 - PASTURE AND HAYLAND 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 MANAGEMENT SYSTEMS - WILDLIFE 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	SAFZ1
8	SYSTEM NAME	HEADQUARTERS
9	PLANNING PHASE	NON-BENCHMARK
10	PLANNING LEVEL	RMS
11	NRCS LANDUSE	HEADQUARTERS

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

1. 327 - Conservation Cover
2. 342 - Critical Area Planting
3. 362 - Diversion
4. 382 - Fencing
5. 410 - Grade Stabilization Structure
6. 412 - Grassed Waterway
7. 441 - Irrigation System - Trickle
8. 442 - Irrigation System - Sprinkler
9. 449 - Irrigation Water Management
10. 484 - Mulching
11. 560 - Access Road
12. 561 - Heavy Use Area Protection
13. 590 - Nutrient Management
14. 595 - Pest Management
15. 606 - Subsurface Drain
16. 612 - Tree/Shrub Establishment
17. 660 - Tree/Shrub Pruning

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

Headquarters will consist of farmstead(s), lot(s), barn(s), etc. A permanent vegetative cover is, or will be, established on open areas. All necessary precautions will be taken to prevent spillage on pesticide tank filling areas. All pesticide tank filling stations will be located and adequate distance from well heads and other water resource areas. By maintaining moisture levels (through use of drip irrigation, etc.) around foundations located on high shrink-swell soils, cracks in foundations, floors, etc. can be reduced to a minimum. New housing will be located on areas not subject to flooding or runoff. Damage from runoff on existing dwellings can be minimized by the construction of diversions and/or grassed waterways in most situations. Flooding in existing housing is not practical to treat in most cases. Soil saturation can be treated using subsurface drainage. Weeds and/or weedy grasses will be controlled when there are 3 or more weedy plants per square foot or when the canopy cover is 50% or greater. Spot treatment of weeds may be the most efficient and effective method of control in many cases, and will greatly reduce the risk of contamination of water resources.

14	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	1. Soil Condition - Other	1. Using trickle irrigation or similar methods around homes constructed on high shrink-swell soils will reduce cracking of floors, foundations, etc. Use of extra footings, extra steel in concrete, and/or other proven methods can help reduce damage from shrink-swell on new home construction.	1. Reduced effects from high shrink-swell soils. Reduced home maintenance costs. Improve and/or maintain aesthetic beauty of home.
	2. Runoff/Flooding	2. On existing homes subject to runoff or flooding, it may be necessary to install diversions and/or grassed waterways in order to move runoff or floodwaters away from the home. Construction of new homes should be planned and constructed on areas not subject to runoff and flooding conditions if possible.	2. Reduced risk of home damage from runoff and/or flooding. Reduced overhead water on lawns.
	3. Soil Saturation	3. Installation of a diversion or subsurface drains may be necessary to remove excess water from and/or prevent its accumulation in the soil.	3. Improved establishment of lawns. Reduced seepage problems through floors of homes and/or basements, etc.

	4. Plant Pests	4. Through proper use of pesticides and through adequate fertilization of lawn grasses, most plant pests can be controlled. Control methods should never be so intense as to risk contamination of water resources. Treat when there are 3 or more weeds per square foot or when canopy cover of weeds exceeds 50%.	4. Improved lawn grass stand. Improved aesthetics of lawn.
CRA	**133B.40.001**	**SYSTEM TEMPLATE LABEL** SAFZ1	
15	*** QUALITY CRITERIA DOCUMENTATION** *list resource concerns then indicate yes/no (X)*		
	1. Soil Condition - Other 2. Runoff/Flooding 3. Soil Saturation 4. Plant Pests	_X_YES __NO _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	Antlers, Atoka, Durant, Hugo, Idabel, Tishomingo	MLRA	133B	System Template Label	SAFZ1
Soil Interpretations							

Resource Concerns / Conservation Practices	Soil Condition - Other	Runoff/ Flooding	Soil Saturation	Plant Pests				
327-Conservation Cover	N/A	+	+	+				
342-Critical Area Planting	N/A	+	+	+ +				
362-Diversion	N/A	+ + +	+ +	N/A				
382-Fencing	N/A	-	N/A	N/A				
410-Grade Stabilization Structure	N/A	+ +	0	N/A				
412-Grassed Waterway	N/A	+ + +	+ +	N/A				
441-Irrigation System - Trickle	+ + +	N/A	-	0				
442-Irrigation System - Sprinkler	+	N/A	-	0				
449-Irrigation Water Management	+ +	N/A	-	0				
484-Mulching	+	+	-	+ +				
560-Access Road	N/A	-	N/A	N/A				
561-Heavy Use Area Protection	N/A	+	+ +	+				
590-Nutrient Management	N/A	+	+ +	+ + +				

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	Antlers, Atoka, Durant, Hugo, Idabel, Tishomingo	MLRA	133B	System Template Label	SAFZ1
Soil Interpretations							

Resource Concerns / Conservation Practices	Soil Condition - Other	Runoff/ Flooding	Soil Saturation	Plant Pests				
595-Pest Management	N/A	N/A	+	+ + +				
606-Subsurface Drain	0	+	+ + +	+				
612-Tree/Shrub Establishment	N/A	+	+ +	0				
660-Tree/Shrub Pruning	N/A	N/A	+	0				

RATINGS:

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