MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Bristow, Chandler, El Reno, Enid, Guthrie, Kingfisher, Medford, Oklahoma City, Newkirk, Pawhuska, Pawnee, Perry and Stillwater
3.	MLRA	80A
4.	COMMON RESOURCE AREA (CRA)	080A.40.001
5.	RESOURCE INTERPRETATIONS	*for each resource enter available interp data*
5.1	SOIL	Soils Legend, Technical/Non-Technical Soils Interpretations
5.2	WATER	Water Quantity and Quality Interpretations/Water Budgets
5.3	AIR	
5.4	PLANT	Pastureland Interpretations
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	GAJZD
8.	SYSTEM NAME	(80A) Bermudagrass &/or Old World Bluestems - Establishment
9.	PLANNING PHASE	Non-benchmark
10.	PLANNING LEVEL	RMS
11.	NRCS LANDUSE	Pasture
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. (342) Critical Area Planting
2. (362) Diversion
3. (410) Grade Stabilization Structure
4. (528A) Prescribed Grazing
5. (590) Nutrient Management
6. (512) Pasture & Hayland Planting (BG &/or OW)
7. (595) Pest Management

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

This system includes establishing bermudagrass and/or old world bluestems on soils varying in depth, texture and slope. Pasture and hayland planting, prescribed grazing, critical area planting, diversions and/or grade stabilization structures will control gully erosion and increase forage production. Prescribed grazing, nutrient management and pest management will result in proper deferment, nutrient application and weed control during establishment.

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	1. Soil-Erosion-Gully	1. 0 T/Yr soil loss	1. 50 T/Yr soil saved
	2. Plants-Mgmt.-Nutrient	2. Proper application.	2. Prod./plant needs met
	3. Plants-Mgmt.-Pests	3. Pests controlled	3. Red. comp./Imp. prod.
	4. Plants-Mgmt.-For.Prod.	4. 6 AUM's/Ac/Yr	4. 3 AUM's/Ac/Yr increase

17. QUALITY CRITERIA DOCUMENTATION *List resource concerns, then indicate yes/no*

1. Soil - Erosion - Gully	_X_ YES	___ NO
2. Plants - Management - Nutrient	_X_ YES	___ NO
3. Plants - Management - Pests	_X_ YES	___ NO
4. Plants - Management - Forage Production	_X_ YES	___ NO

Conservation Management Systems

Certification of Quality Criteria

080A.40.001
GAJ2C
GAJ2D

RESOURCE CONSIDERATION/PROBLEM	Term Effect Short	Term Effect Long	Meets Quality Criteria Benchmark Yes	Meets Quality Criteria Benchmark No	Meets Quality Criteria Planned Yes	Meets Quality Criteria Planned No
SOIL						
Erosion						
Sheet and rill			N/A			
Wind			N/A			
Irrigation induced			N/A			
Concentrated flow						
Cropland ephemeral gully			N/A			
Classic gully				✓		
Soil mass movement			✓			
Roadbank and construction sites			N/A			
Streambank erosion			✓			
Condition						
Tilth			N/A			
Compaction			N/A			
Soil contaminants			✓			
Deposition (Onsite & Offsite)						
Damage			✓			
Safety			✓			
WATER						
Quantity						
Seeps			✓			
Flooding			✓			
Subsurface water			✓			
Restricted capacity			✓			
Conveyance			✓			
Inadequate outlets			✓			
Restricted capacity, water bodies			✓			
Water management--irrigated			N/A			
Water management--non-irrigated			N/A			
Quality						
Contaminants			✓			
Aquatic habitat suitability			✓			
AIR						
Quality						
Sediment			✓			
Smoke			✓			
Chemical drift			✓			
Odors			✓			
Fungi			✓			
Molds			✓			
Pollen			✓			
Condition						
Temperature			✓			
Air movement			✓			
Humidity			✓			

Conservation Management Systems

Certification of Quality Criteria

RESOURCE CONSIDERATION/PROBLEM	Term Effect		Meets Quality Criteria			
	Short	Long	Benchmark		Planned	
			Yes	No	Yes	No
PLANTS						
Suitability						
Adapted to site			✓			
Intended use			✓			
Condition						
Productivity				✓		
Health and vigor			✓			
Management						
Establishment			✓			
Growth			✓			
Harvest			✓			
Nutrient management				✓		
Pests				✓		
Threatened and endangered species			✓			
ANIMALS(domestic/wildlife)						
Habitat						
Food			✓			
Cover			✓			
Shelter			✓			
Water			✓			
Threatened and endangered species			✓			
Management						
Population and Resource Balance			✓			
Animal Health			✓			

References:
NPPH Pages 75-78
FOTG Section III - Quality Criteria
GM -450 Part 401 Paragraph 401.03

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Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office		MLRA	80A

Soil Interpretations

Resource Concerns / Cons. Practices	SOIL Erosion Gully	PLANT Management Nutrient	PLANT Management Pest	PLANT Management For. Prod.						
342	+	+	0	+						
362	+	N/A	+	+						
* 410	+	0	0	0						
528A	+	N/A	+	+						
* 590	0	+	0	+						
512	+	0	0	+						
* 595	0	0	+	+						

* Not in FOTG, Sec. V