

# 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	<i>for each resource enter available interp data</i>										
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	<i>list practices in the system</i>										
		<ol style="list-style-type: none"> <li>1. (342) Critical Area Planting</li> <li>2. (362) Diversion</li> <li>3. (410) Grade Stabilization Structure</li> <li>4. (528A) Prescribed Grazing</li> <li>5. (590) Nutrient Management</li> <li>6. (512) Pasture &amp; Hayland Planting (BG &amp;/or OW)</li> <li>7. (595) Pest Management</li> </ol>										
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>										
		<p>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.</p>										
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS									
	<ol style="list-style-type: none"> <li>1. Soil-Erosion-Gully</li> <li>2. Plants-Mgmt.-Nutrient</li> <li>3. Plants-Mgmt.-Pests</li> <li>4. Plants-Mgmt.-For.Prod.</li> </ol>	<ol style="list-style-type: none"> <li>1. 0 T/Yr soil loss</li> <li>2. Proper application.</li> <li>3. Pests controlled</li> <li>4. 6 AUM's/Ac/Yr</li> </ol>	<ol style="list-style-type: none"> <li>1. 50 T/Yr soil saved</li> <li>2. Prod./plant needs met</li> <li>3. Red. comp./Imp. prod.</li> <li>4. 3 AUM's/Ac/Yr increase</li> </ol>									
17.	QUALITY CRITERIA DOCUMENTATION <i>List resource concerns, then indicate yes/no</i>											
	<ol style="list-style-type: none"> <li>1. Soil - Erosion - Gully</li> <li>2. Plants - Management - Nutrient</li> <li>3. Plants - Management - Pests</li> <li>4. Plants - Management - Forage Production</li> </ol>		<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>X</u> YES</td> <td style="text-align: center;">___ NO</td> </tr> <tr> <td style="text-align: center;"><u>X</u> YES</td> <td style="text-align: center;">___ NO</td> </tr> <tr> <td style="text-align: center;"><u>X</u> YES</td> <td style="text-align: center;">___ NO</td> </tr> <tr> <td style="text-align: center;"><u>X</u> YES</td> <td style="text-align: center;">___ NO</td> </tr> </table>	<u>X</u> YES	___ NO							
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Conservation Management Systems

080A.40.001

Certification of Quality Criteria

GAT2C

GAT2D

RESOURCE CONSIDERATION/PROBLEM	Term Effect		Meets Quality Criteria			
	Short	Long	Benchmark		Planned	
			Yes	No	Yes	No
<b>SOIL</b>						
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			✓			
<b>WATER</b>						
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			✓			
<b>AIR</b>						
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
<b>PLANTS</b>						
Suitability						
Adapted to site			✓			
Intended use			✓			
Condition						
Productivity				✓		
Health and vigor			✓			
Management						
Establishment			✓			
Growth			✓			
Harvest			✓			
Nutrient management				✓		
Pests				✓		
Threatened and endangered species			✓			
<b>ANIMALS(domestic/wildlife)</b>						
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

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	+	+														

080A.40.001  
GAJZC  
CAJZD

\* Not in FOTG, Sec. V