

# MANAGEMENT SYSTEM TEMPLATE

## B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Pawhuska & Newkirk		
3.	MLRA	76		
4.	COMMON RESOURCE AREA (CRA)	0076.40.001		
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	Rangeland Interpretations		
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations		
5.6	HUMAN			
6.	HYDROLOGIC UNIT			
7.	SYSTEM TEMPLATE LABEL	BADZB		
8.	SYSTEM NAME	(76) Native Grass - Early Intensive Stocking		
9.	PLANNING PHASE	Non-benchmark		
10.	PLANNING LEVEL	RMS		
11.	NRCS LANDUSE	Grazed range		
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. (382) Fencing</li> <li>3. (338) Prescribed Burning</li> <li>4. (528A) Prescribed Grazing</li> <li>5. (614) Trough or Tank</li> <li>6. (595) Pest Management</li> <li>7. (516) Pipeline for Livestock</li> <li>8. (378) Pond</li> <li>9. (410) Grade Stabilization Structure</li> <li>10. (362) Diversion</li> <li>11. (610) Toxic Salt Reduction</li> <li>12. (314) Brush Management</li> <li>13. (394) Firebreak</li> <li>14. (393) Filter Strip</li> </ol>		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This system includes native tall and mid-grasses on soils varying in depth, texture and slope developed over limestone. Prescribed grazing (facilitated by fencing and water facilities), filter strips, critical area planting, toxic salt reduction, diversions and/or grade stabilization structures will aid in control of gully and oilfield induced erosion. Reduced sediment from erosion control will reduce flood hazard and to improve stream capacity. Livestock water needs will be met with installation of necessary watering facilities. Prescribed grazing (facilitated by fencing, watering facilities and prescribed burning), brush management and pest management will result in pest reduction (trees, brush and weeds), proper stocking and improved plant production, health and vigor. Prescribed burning will produce short term air quality, health and safety concerns due to smoke.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> <li>1. Soil-Erosion-Gully</li> <li>2. Soil-Cond.-Exc. Chem.</li> <li>3. Water-Quant.-Flooding</li> <li>4. Water-Quant.-Convey.</li> <li>5. Air-Qual.-Smoke</li> <li>6. Plants-Mgmt.-Pests</li> <li>7. Animal-Hab.-Water</li> </ol>	<ol style="list-style-type: none"> <li>1. 0 T/Yr soil loss</li> <li>2. Reduced toxic salts/erosion</li> <li>3. Improved stream cap.</li> <li>4. Impr. stream cap.</li> <li>7. Short term safety &amp; health</li> <li>5. Proper application</li> <li>6. Improved water access</li> </ol>	<ol style="list-style-type: none"> <li>1. 50 T/Yr soil saved</li> <li>2. Improved vegetative cover</li> <li>3. Reduced damage/prod. losses</li> <li>4. Reduced flooding</li> <li>7. Net long term impacts</li> <li>5. Red. comp./Imp. prod.</li> <li>6. Proper distribution</li> </ol>	



Conservation Management Systems

BADZA

Certification of Quality Criteria

BADZ B

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			N/A			
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			N/A			
Growth			✓			
Harvest			✓			
Nutrient management			N/A			
Pests				✓		
Threatened and endangered species			✓			
<b>ANIMALS(domestic/wildlife)</b>						
Habitat						
Food			✓			
Cover			✓			
Shelter			✓			
Water <i>Domestic Animal Requirements</i>				✓		
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

