

# MANAGEMENT SYSTEM TEMPLATE

## B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

<b>1.</b>	<b>STATE</b>	Oklahoma		
<b>2.</b>	<b>FIELD OFFICE</b>	Bristow, Chandler, Guthrie, Oklahoma City, Pawhuska, Pawnee, Perry and Stillwater		
<b>3.</b>	<b>MLRA</b>	84A		
<b>4.</b>	<b>COMMON RESOURCE AREA (CRA)</b>	084.40.001		
<b>5.</b>	<b>RESOURCE INTERPRETATIONS</b>	<i>for each resource enter available interp data</i>		
<b>5.1</b>	<b>SOIL</b>	Soils Legend, Technical/Non-Technical Soils Interpretations		
<b>5.2</b>	<b>WATER</b>	Water Quantity and Quality Interpretations/Water Budgets		
<b>5.3</b>	<b>AIR</b>			
<b>5.4</b>	<b>PLANT</b>	Rangeland Interpretations		
<b>5.5</b>	<b>ANIMAL</b>	Threatened & Endangered Species List, Wildlife Interpretations		
<b>5.6</b>	<b>HUMAN</b>			
<b>6.</b>	<b>HYDROLOGIC UNIT</b>			
<b>7.</b>	<b>SYSTEM TEMPLATE LABEL</b>	IADZB		
<b>8.</b>	<b>SYSTEM NAME</b>	(84A) Native Grass - Continuous Grazing		
<b>9.</b>	<b>PLANNING PHASE</b>	Non-benchmark		
<b>10.</b>	<b>PLANNING LEVEL</b>	RMS		
<b>11.</b>	<b>NRCS LANDUSE</b>	Grazed range		
<b>12.</b>	<b>PLANNED CONSERVATION PRACTICES</b>	<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. (391) Riparian Forest Buffer</li> <li>6. (614) Trough or Tank</li> <li>7. (595) Pest Management</li> </ol>	<ol style="list-style-type: none"> <li>8. (642) Well</li> <li>9. (516) Pipeline for Livestock</li> <li>10. (378) Pond</li> <li>11. (410) Grade Stabilization Structure</li> <li>12. (362) Diversion</li> <li>13. (314) Brush Management</li> <li>14. (394) Firebreak</li> </ol>	
<b>13.</b>	<b>SYSTEM NARRATIVE</b>	<i>describe how the practices work together as a system</i>		
		<p>This system includes continuously grazed native tall and mid-grasses on soils varying in depth, texture and slope. Prescribed grazing (facilitated by fencing and water facilities), critical area planting, diversions, grade stabilization structures and riparian forest buffers will aid in control of gully and streambank erosion. Reduced sediment from erosion control will also reduce flood hazard due to improved stream flow and maintain capacity of water bodies. Livestock water needs will be met with installation of necessary watering facilities. Prescribed grazing (facilitated by fencing, watering facilities, firebreaks and prescribed burning), brush and pest management will result in proper stocking and improved plant health and vigor. Prescribed burning will produce short term air quality, health and safety concerns due to smoke.</p>		
<b>14.</b>	<b>RESOURCE CONCERNS</b>	<b>MAGNITUDE/EFFECTS</b>	<b>IMPACTS</b>	
	<ol style="list-style-type: none"> <li>1. Soil-Erosion-Gully</li> <li>2. Soil-Erosion-Streambank</li> <li>3. Water-Quantity-Flooding</li> <li>4. Water-Quan.-Rest. Cap.</li> <li>5. Plants-Cond.-Hlth/Vigor</li> <li>6. Plants-Mgmt.-Pests</li> <li>7. Anim.-Hab.-H<sub>2</sub>O (Dom.)</li> <li>8. Anim.-Mgmt.-P/R Bal.</li> <li>9. Air-Qual.-Smoke (S&amp;H)</li> </ol>	<ol style="list-style-type: none"> <li>1. 0 T/Yr soil loss</li> <li>2. 0 T/Yr soil loss</li> <li>3. Improved stream cap.</li> <li>4. Reduced sediment</li> <li>5. Imp. health &amp; vigor</li> <li>6. Proper application</li> <li>7. Improved water access</li> <li>8. 10-12 Ac/AU/Yr</li> <li>9. Smoke (safety &amp; health)</li> </ol>	<ol style="list-style-type: none"> <li>1. 50 T/Yr soil saved</li> <li>2. 50 T/Yr soil saved</li> <li>3. Reduced damage/prod. losses</li> <li>4. Maint. water/flood storage</li> <li>5. Imp. growth &amp; quality</li> <li>6. Red. comp./Imp. prod.</li> <li>7. Proper distribution</li> <li>8. 2-5 Ac/AU/Yr improvement</li> <li>9. Short term negative impact</li> </ol>	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	<b>QUALITY CRITERIA DOCUMENTATION</b>	<i>List resource concerns, then indicate yes/no</i>
	1. Soil - Erosion - Gully	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Soil - Erosion - Streambank	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Water - Quantity - Flooding	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Water - Quantity - Streams/Lakes Restricted Capacity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Plants - Condition - Health & Vigor	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Plants - Management - Pests	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	7. Animal - Habitat - Domestic Animal Water Requirements	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	8. Animal - Management - Population & Resource Balance	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	9. Air - Quality - Smoke - Off-site Safety & Health	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Conservation Management Systems

Certification of Quality Criteria

084A.40.001

IADZA

IADZB

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			
<b>Concentrated flow</b>						
Cropland ephemeral gully			N/A			
Classic gully				✓		
Soil mass movement			✓			
Roadbank and construction sites			N/A			
Streambank erosion				✓		
<b>Condition</b>						
Tilth			N/A			
Compaction			N/A			
Soil contaminants			✓			
<b>Deposition (Onsite &amp; Offsite)</b>						
Damage			✓			
Safety			✓			
<b>WATER</b>						
<b>Quantity</b>						
Seeps			✓			
Flooding				✓		
Subsurface water			✓			
Restricted capacity			✓			
Conveyance			✓			
Inadequate outlets			✓			
Restricted capacity, water bodies				✓		
Water management--irrigated			N/A			
Water management--non-irrigated			✓			
<b>Quality</b>						
Contaminants			✓			
Aquatic habitat suitability			✓			
<b>AIR</b>						
<b>Quality</b>						
Sediment			✓			
Smoke				✓		
Chemical drift			✓			
Odors			✓			
Fungi			✓			
Molds			✓			
Pollen			✓			
<b>Condition</b>						
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			N/A			
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

084A.40.001  
IAD2A  
IAD28

State	OKlahoma	Field Office	MLRA	84A	Candidate Practice List									
Resource Concerns	Soil Interpretations	Field Office	MLRA	84A	Soil Erosion Gully	Soil Erosion Streambank	WATER Quantity Flooding	WATER Quantity Lakes Res. Co.	PLANT Condition HHA/Divis	PLANT Management Pest	ANIMAL Habitat Dom. Water	ANIMAL Management Ry./Res. Bel.	AIR Quality Smoke (58A)	
	342				+	+	+	+	0	-	N/A	+	N/A	
	382				+	+	N/A	N/A	+	+	N/A	+	N/A	
	* 338				N/A	N/A	N/A	N/A	+	+	N/A	+	-	
	528A				+	+	+	+	+	+	N/A	+	N/A	
	* 391				+	+	+	+	D	-	N/A	+	N/A	
	* 614				N/A	N/A	N/A	N/A	+	+	N/A	+	N/A	
	* 595				N/A	N/A	N/A	N/A	+	+	N/A	+	N/A	
	* 642				N/A	N/A	N/A	N/A	+	+	N/A	+	N/A	
	* 516				N/A	N/A	N/A	N/A	+	+	+	+	N/A	
	378				+	+	+	+	+	N/A	+	+	N/A	
	* 410				+	+	+	+	0	0	+	0	N/A	
	362				+	+	+	+	0	0	0	0	N/A	
	314				0	D	D	D	+	+	0	+	N/A	
	394				0	0	0	0	+	+	0	+	N/A	

\* Not in FOTG, Sec. V