

# MANAGEMENT SYSTEM TEMPLATE

## B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Fairview - Major County		
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 Legends; Technical and 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 and Endangered Species List; Wildlife Interpretations		
5.6	HUMAN			
6.	HYDROLOGIC UNIT	11050002-020; 030; 040; 080		
7.	SYSTEM TEMPLATE LABEL	GADZB		
8.	SYSTEM NAME	Sloping Uplands		
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. Brush Management (314)</li> <li>2. Prescribed Burning (338)</li> <li>3. Critical Area Planting (342)</li> <li>4. Diversion (362)</li> <li>5. Pond (378)</li> <li>6. Fencing (382)</li> <li>7. Grade Stabilization Structure (410)</li> <li>8. Pipeline for Livestock (516)</li> <li>9. Prescribed Grazing (528A)</li> <li>10. Streambank and Shoreline Protection (580)</li> <li>11. Pest Management (595)</li> <li>12. Trough or Tank (614)</li> <li>13. Well (642)</li> <li>14. Riparian Forest Buffer (391)</li> </ol>		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This system consists of good condition native tall and mid-grass pastures on upland, loamy soils varying in depth and slope. Prescribed grazing (facilitated by fencing, ponds, wells, pipelines and/or tanks), critical area planting, diversions, riparian forest buffers, grade stabilization structures and streambank protection will aid in control of gully and/or streambank erosion. Reduced sediment from erosion control will also reduce flood hazard due to improved stream capacity. Livestock water needs will 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 proper stocking and improved plant production, site condition, 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 - Eros - Gully</li> <li>2. Soil - Eros - Streambank</li> <li>3. Water - Quant - Flooding</li> <li>4. Plant - Cond - Productiv.</li> <li>5. Plant - Cond - Hlth/Vigor</li> <li>6. Plant - Mgmt - Pest</li> <li>7. Animal - Hab. - Water</li> <li>8. Animal - Mgmt - Pop/Res.</li> <li>9. Air - Qual - Smoke (S&amp;H)</li> </ol>	<ol style="list-style-type: none"> <li>1. 0 Ton/year soil loss</li> <li>2. 0 Ton/year soil loss</li> <li>3. Improved stream cap.</li> <li>4. 5000 lbs/Ac/Yr</li> <li>5. Imp. health &amp; vigor</li> <li>6. Pests controlled</li> <li>7. H<sub>2</sub>O storage doubled</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 Ton/Yr soil saved</li> <li>2. 50 Ton/Yr soil saved</li> <li>3. Reduced damage/prod. losses</li> <li>4. 2000 #/Ac/Yr increased prod.</li> <li>5. Imp. growth &amp; quality</li> <li>6. Red. comp./Imp. prod.</li> <li>7. Water storage increased 100%</li> <li>8. 2-5 Ac/AU/Yr improvement</li> <li>9. Short term negative impact</li> </ol>	



080A.40.001  
 GADZA  
 GADZB

Conservation Practice Physical Effects on Resource Concerns  
 Candidate Practice List

State	Oklahoma	Field Office	MLRA	30A						
<b>Soil Interpretations</b>										
<b>Resource Concerns</b>		<b>Soil Erosion Gully</b>	<b>Soil Erosion Streambank</b>	<b>Water Quantity Flooding</b>	<b>PLANT Management For. Prod.</b>	<b>PLANT Condition Hlth. &amp; Vigor</b>	<b>PLANT Management Pests</b>	<b>ANIMAL Habitat Dam. Water</b>	<b>ANIMAL Management Pop./Per. Bal.</b>	<b>AIR Quality Smoke (54#)</b>
<b>Cons. Practices</b>										
	342	+	+	+	+	+	N/A	+	+	0
	382	+	+	0	+	+	+	+	+	0
	* 338	(-)	(-)	(-)	+	+	+	(-)	+	-
	528A	+	+	+	+	+	+	+	+	0
	314	0	0	0	+	+	+	0	+	0
	580	0	+	+	0	0	0	0	+	0
	* 614	0	0	0	0	0	0	+	+	0
	* 595	0	+	0	+	+	+	0	+	0
	* 642	0	0	0	0	0	0	+	+	0
	* 516	0	0	0	0	0	0	+	+	0
	378	+	N/A	+	+	+	0	+	+	0
	* 440	+	+	+	0	0	0	+	0	0
	362	+	0	+	+	(-)	-	+	+	0
	* 391	0	+	+	0	0	0	+	0	0

\* Not in FOT6 Sec. IV  
 (-) Short term negative effect