

## MANAGEMENT SYSTEM TEMPLATE

### B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	OK
2.	FIELD OFFICE	Marietta, Sulphur, Ardmore, Tishomingo, Ada, Pauls Valley Purcell, Madill, Coalgate, Atoka, Durant, Hugo, Idabel
3.	MLRA	85A - Grand Prairie
4.	COMMON RESOURCE AREA (CRA)	085A.40.001
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>
5.1	SOIL	
5.2	WATER	
5.3	AIR	
5.4	PLANT	
5.5	ANIMAL	
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	KADZ1
8.	SYSTEM NAME	Grand Prairie Grazed Range
9.	PLANNING PHASE	Benchmark, Alternative, Planned
10.	PLANNING LEVEL	Resource Management System
11.	NRCS LANDUSE	Grazed Range
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>
		<ol style="list-style-type: none"> <li>1. 197 - Riparian Forest Buffer</li> <li>2. 314 - Brush Management</li> <li>3. 338 - Prescribed Burning</li> <li>4. 342 - Critical Area Planting</li> <li>5. 362 - Diversion</li> <li>6. 378 - Pond</li> <li>7. 382 - Fencing</li> <li>8. 399 - Fishpond Management</li> <li>9. 410 - Grade Stabilization Structure</li> <li>10. 516 - Pipeline</li> <li>11. 528A - Prescribed Grazing</li> <li>12. 550 - Range Seeding</li> <li>13. 560 - Access Road</li> <li>14. 574 - Spring Development</li> <li>15. 580 - Streambank and Shoreline Protection</li> <li>16. 595 - Pest Management</li> <li>17. 614 - Trough or Tank</li> <li>18. 642 - Well</li> </ol>
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>
		<p>Grazed range can be a most challenging resource, both by character as well as treatment. This system includes prescribed grazing, range seeding, prescribed burning, fencing, ponds, wells, pipelines, troughs or tanks, spring development, and fishpond management. The treatment practices for reducing gully erosion are grade stabilization structures, diversion terraces, and critical area planting. Streambank and scour erosion as well as on-site deposition occurs along streams and drainageways where out-of-bank flow takes place. Practices recommended for control may include riparian forest buffers, range seeding, critical area planting, pest management, prescribed grazing, and streambank and shoreline protection. The land treatment practices are designed to reduce the rate of runoff waters, increase water infiltration, reduce erosion and restore the vegetation. Pest management and brush management activities will be performed when pest levels reach their economic thresholds. All management activities (including chemical, mechanical and biological means) to reduce pest levels are most effective when the appropriate timing and application techniques are followed. Animal populations are generally found to be out of balance with the forage resources, causing plant establishment, growth and harvest to be affected. Practices recommended to overcome this are prescribed grazing, pest management, range seeding and prescribed burning. Numerous other practices or combinations of practices may also be utilized to accelerate the system application. Domestic animal water</p>

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<p>requirements, if not supplied by naturally occurring sources, will typically be addressed by constructing ponds. In certain locations, spring developments, wells, pipelines, and troughs or tanks will be used to supply the domestic animal watering sources. Treatments which are cost effective and sensitive to the environment are of the most importance. Prescribed grazing, better distribution of the grazing animals, prescribed burning, and appropriate timing of the application of these practices will go a long way toward improving the plant resources and vigor of the existing range. Improving range can be a slow process. Special care to develop treatment alternatives that are cost effective will need to be exercised.</p>																																				
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# Conservation Practice Physical Effects on Resource Concerns Candidate Practice List

MLRA 085A.40.001

Template Label KADZ

Field Office

State Oklahoma

Soil Interpretations

Resource Concerns----->	Soil Erosion Sheet and Rill	Soil Erosion Streambank	Soil Erosion Scoured Areas	Water Quality Surf Water Contaminates Susp. Sol. & Turbidity	Plants Condition Plant Productivity	Plants Condition Plant Health & Vigor	Plants Mgmt. Establishment Growth & Harvest	Plants Mgmt. Pest (Brush, Weeds, Insects, Etc.)	Animal Habitat Water	Animal Management Population and Resource Balance	Human Economics Profitability
197	+	+	+	+	+	0	+	0	0	0	+
314	+	0	0	0	+	+	+	+	-	+	+
338	+	0	0	-	+	+	+	+	-	+	+
342	+	+	+	+	+	N/A	+	+	+	+	+
362	+	+	0	+	+	+	+	+	+	+	+
378	0	+	+	+	+	+	+	-	+	+	+
382	+	+	+	+	+	+	+	0	+	+	+
399	N/A	N/A	N/A	+	N/A	N/A	N/A	N/A	+	0	+
410	0	+	+	+	+	+	+	-	+	+	+
516	+	+	+	+	+	+	N/A	N/A	+	+	+
528A	+	+	+	+	+	+	+	+	+	+	+
550	+	+	+	+	+	+	+	+	+	+	+
560	0	+	+	+	+	+	+	+	0	+	+
574	0	0	0	+	+	+	N/A	N/A	+	+	+
580	N/A	+	+	+	+	+	+	+	0	+	+
595	0	N/A	0	0	+	+	+	0	+	+	+
614	+	+	+	+	+	+	N/A	N/A	+	+	+
642	+	+	+	+	+	+	N/A	N/A	+	+	+

+ = Positive Effect    - = Negative Effect    0 = Negligible Effect    N/A = Not Applicable