

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Buffalo - Harper County		
3.	MLRA	77E		
4.	COMMON RESOURCE AREA (CRA)	077E.40.003		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Soil Legends, Technical/Non-Technical Soil Interpretations		
5.2	WATER	Water Quantity and Quality		
5.3	AIR			
5.4	PLANT	Pasture & Hayland Interpretations		
5.5	ANIMAL	Threatened & Endangered Species List,		
5.6	HUMAN			
6.	HYDROLOGIC UNIT			
7.	SYSTEM TEMPLATE LABEL	ECJKB		
8.	SYSTEM NAME	Rolling Plains		
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"> 1. Prescribed Burning (338) 2. Diversion (362) 3. Fencing (382) 4. Grade Stabilization Structure (410) 5. Livestock Pipeline (516) 6. Prescribed Grazing (528A) 7. Grazing Land Mechanical Treatment (548) 8. Nutrient Management (590) 9. Tank or Trough (614) 10. Livestock Well (642) 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This system consists of Old world bluestem pastures. By applying prescribed grazing the pasture acreage will greatly increase plant health and vigor, productivity, and general overall growth and harvest. Wells, tanks, pipelines, and cross fencing are needed to help better distribute livestock grazing while also providing wildlife benefits. Prescribed burning will be used to stimulate grass production and control smoke concerns. Grazing land mechanical treatment will reduce compaction, and increase water infiltration which will increase stocking rates. Fertilizing according to current soil tests will insure maximum potential production. Diversion terraces and grade stabilization structures will be used to control gully erosion caused by flooding.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Soil - Condition - Comp. 2. Water - Quan. - Flooding 3. Air - Quality - Smoke 4. Plants - Productivity 5. Plants - Health & Vigor 6. Plants - Est/Grwth/Harv. 7. Plants - Nutrient 8. Animal - Food 9. Animal - Water 10. Animal - Res. Balance 	<ol style="list-style-type: none"> 1. Increased production 2. Decrease flood damage 3. Proper burning techn. 4. 4000 lbs./acre 5. Increased production 6. Increased gains 7. Economic fertilization 8. Increase food supply 9. Better distribution 10. Max. distribution 	<ol style="list-style-type: none"> 1. Improved infiltration 2. Controlled soil loss 3. No accidents 4. 2000 lbs/acre increase 5. Improved plant health 6. Increased production 7. Match fert. with prod. 8. Increased production 9. Increased production 10. Proper forage use 	

17.	QUALITY CRITERIA DOCUMENTATION <i>list resource concerns then indicate yes/no</i>																					
	<ol style="list-style-type: none"> 1. Soil - Condition - Compaction 2. Water - Quantity - Flooding 3. Air - Quality - Smoke/On-site health 4. Plants - Condition - Productivity 5. Plants - Condition - Health & Vigor 6. Plants - Management - Estab., Growth and Harvest 7. Plants - Management - Nutrient 8. Animal - Habitat - Food 9. Animal - Habitat - Water 10. Animal - Management - Population & Resource Bal. 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> </tr> </table>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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ROLLING PLAINS- PASTURE

Conservation Practice Physical Effects on Resource Concerns Candidate Practice List

State	OKLA	Field Office	BUFFALO	MLRA	77E						
Soil Interpretations											
Resource Concerns											
Cons. Practices											
		COMPACTION	FLOODING	SMOKE	PLANT PRODUCTION	VIGOR	GROWTH	NUTRIENT MGT.	ANIMAL FOOD	WATER	BALANCE
		PRE. GRAZING	N/A	N/A	+	+	+	+	+	N/A	+
		PLANNED GRAZING	N/A	"	+	+	+	+	+	N/A	+
		DIVERSIONS	+	"	N/A	N/A	N/A	N/A	N/A	+	N/A
		NUT. MGT.	N/A	"	+	+	+	+	+	N/A	+
		WELL	"	"	+	+	+	+	N/A	+	N/A
		TANK	"	"	+	+	+	+	N/A	+	N/A
		FENCING	"	"	+	+	+	+	N/A	N/A	N/A
		PIPELINE	"	"	+	+	+	+	N/A	+	N/A
		BURNING	+	-	+	+	+	+	-	N/A	-
		GSS	+	N/A	N/A	N/A	N/A	N/A	N/A	+	N/A
		G.L. Mech. Intert	+	N/A	+	+	+	N/A	+	N/A	+