

# MANAGEMENT SYSTEM TEMPLATE

## B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma																																									
2.	FIELD OFFICE	Watonga - Blaine County																																									
3.	MLRA	80A																																									
4.	COMMON RESOURCE AREA (CRA)	080A.40.003																																									
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>																																									
5.1	SOIL	Soil Legends, 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 and Endangered Species List, Wildlife Interpretations																																									
5.6	HUMAN																																										
6.	HYDROLOGIC UNIT	11050002-020, 050, 070, 100; 11100301-040, 050																																									
7.	SYSTEM TEMPLATE LABEL	GCDZB																																									
8.	SYSTEM NAME	Sandy Land																																									
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. Riparian Forest Buffer (197)</li> <li>2. Brush Management (314)</li> <li>3. Prescribed Burning (338)</li> <li>4. Critical Area Planting (342)</li> <li>5. Fencing (382)</li> <li>6. Pipeline for Livestock (516)</li> <li>7. Prescribed Grazing (525A)</li> <li>8. Streambank and Shoreline Protection (580)</li> <li>9. Pest Management (595)</li> <li>10. Trough or Tank (614)</li> <li>11. Well (642)</li> </ol>																																									
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>																																									
		<p>This system includes management of established native tall and mid-grasses on rolling, deep sandy soils. Prescribed grazing (facilitated by fencing, wells, pipelines and/or tanks), critical area planting, riparian forest buffers and streambank protection will aid in control of erosion along rivers and streams. Reduced sediment from erosion control will also reduce flood hazard due to improved stream capacity. Plant productivity, health, vigor and ground water quality will be improved through proper application of pesticides, brush management, prescribed grazing and prescribed burning. Livestock water needs will be met with installation of necessary watering facilities. Prescribed burning will provide Eastern redcedar control but 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. - Streambank</li> <li>2. Water - Quan. - Flooding</li> <li>3. Air - Qual. - Smoke</li> <li>4. Plants - Productivity</li> <li>5. Plants - Health &amp; Vigor</li> <li>6. Plants - Pest</li> <li>7. Animal - Hab. - Water</li> <li>8. Animal - Pop/Res. Bal.</li> </ol>	<ol style="list-style-type: none"> <li>1. 0 ton/yr soil loss</li> <li>2. Improved stream capacity.</li> <li>3. Smoke/safety/health</li> <li>4. 4500 lbs/ac/yr</li> <li>5. Improved health &amp; vigor</li> <li>6. ERC &lt;10% canopy</li> <li>7. Water storage doubled</li> <li>8. 10-12 Ac/AU/yr</li> </ol>	<ol style="list-style-type: none"> <li>1. 50 T/Yr soil saved</li> <li>2. Reduced damage/prod. losses</li> <li>3. Short-term neg. impact</li> <li>4. 1500 lb/ac/yr prod. increase</li> <li>5. Improved growth/quality</li> <li>6. 15% decrease in canopy</li> <li>7. 100% increased water storage</li> <li>8. 2-5 Ac/AU/yr improvement</li> </ol>																																								
17.	QUALITY CRITERIA DOCUMENTATION <i>List resource concerns, then indicate yes/no</i>																																										
	<ol style="list-style-type: none"> <li>1. Soil - Erosion - Streambank</li> <li>2. Water - Quantity - Flooding</li> <li>3. Air - Quality - Smoke</li> <li>4. Plants - Condition - Productivity</li> <li>5. Plants - Condition - Health &amp; Vigor</li> <li>6. Plants - Management - Pests</li> <li>7. Animal - Habitat - Domestic Water</li> <li>8. Animal - Management - Population &amp; Resource Balance</li> </ol>	<table style="width: 100%; border: none;"> <tr><td>X</td><td>YES</td><td>NO</td></tr> <tr><td>X</td><td>YES</td><td>NO</td></tr> <tr><td>X</td><td>YES</td><td>NO</td></tr> <tr><td>X</td><td>YES</td><td>NO</td></tr> <tr><td>X</td><td>YES</td><td>NO</td></tr> <tr><td>X</td><td>YES</td><td>NO</td></tr> <tr><td>X</td><td>YES</td><td>NO</td></tr> <tr><td>X</td><td>YES</td><td>NO</td></tr> </table>	X	YES	NO	X	YES	NO	X	YES	NO	X	YES	NO	X	YES	NO	X	YES	NO	X	YES	NO	X	YES	NO	<table style="width: 100%; border: none;"> <tr><td>___</td><td>NO</td></tr> <tr><td>___</td><td>NO</td></tr> <tr><td>___</td><td>NO</td></tr> <tr><td>___</td><td>NO</td></tr> <tr><td>___</td><td>NO</td></tr> <tr><td>___</td><td>NO</td></tr> <tr><td>___</td><td>NO</td></tr> <tr><td>___</td><td>NO</td></tr> </table>	___	NO														
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