

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

| | | | | |
|-----|--|---|--|--|
| 1. | STATE | Oklahoma | | |
| 2. | FIELD OFFICE | Anadarko | | |
| 3. | MLRA | 84A Northern Cross Timbers | | |
| 4. | COMMON RESOURCE AREA (CRA) | 084A.40.004 | | |
| 5. | RESOURCE INTERPRETATIONS | <i>for each resource enter available interp data</i> | | |
| 5.1 | SOIL | Technical and Nontechnical Interpretations Rangeland Interpretations | | |
| 5.2 | WATER | Water Quality and Quantity Interpretations | | |
| 5.3 | AIR | N/A | | |
| 5.4 | PLANT | Rangeland Interpretations | | |
| 5.5 | ANIMAL | N/A | | |
| 5.6 | HUMAN | N/A | | |
| 6. | HYDROLOGIC UNIT | 11130302170, 180, 190, 200, 230, 250 | | |
| 7. | SYSTEM TEMPLATE LABEL | IDDZ1 | | |
| 8. | SYSTEM NAME | Rangeland, Master CMS | | |
| 9. | PLANNING PHASE | Non-Benchmark | | |
| 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"> 1. 314 Brush Management 2. 338 Prescribed Burning 3. 342 Critical Area Planting 4. 362 Diversion 5. 378 Pond 6. 382 Fence 7. 410 Grade Stabilization Structure 8. 528A Prescribed Grazing 9. 550 Range Planting 10. 595 Pest Management 11. 614 Trough or Tank 12. 642 Well | | |
| 13. | SYSTEM NARRATIVE | <i>describe how the practices work together as a system</i> | | |
| | | <p>This conservation management system consist of native grasses, forbs, and trees growing on sandy and loamy upland soils. The primary ecological sites in this area include Sandy Savannah, Shallow Savannah, and Deep Sand Savannah. Much of this area is heavily wooded with Post oak and Blackjack oak trees and some infestations of Eastern Red cedar. The understory is mid height grasses and forbs. Chemical, mechanical, and cultural methods will be used to control brush infestations in selected areas. Grade Stabilization structures, diversions, and critical area planting will treat existing and potential critically eroding areas. Fencing, prescribed burning, and water facilities will facilitate a grazing plan that will be developed. The grazing plan will recommend stocking rates, grazing schedules, etc. For new plantings species and varieties will be selected that are known to be adapted to the site conditions and the client's needs.</p> | | |
| 14. | RESOURCE CONCERNS | MAGNITUDE/EFFECTS | IMPACTS | |
| | <ol style="list-style-type: none"> 1. Brush Control 2. Forage Production 3. Gully Erosion 4. Livestock Watering Facilities 5. 6. | <ol style="list-style-type: none"> 1. Brush Canopy < 10% 2. Carrying Capacity > 2.0 AUMs 3. Soil Loss = 0 tons/year 4. Livestock Water Facilities Meet The Needs Of The Planned Class And Number Of Grazing Animals 5. 6. | <ol style="list-style-type: none"> 1. Forage Production Is Not Limited By Brush Infestations 2. Carrying Capacity Increased By 0.4 AUMs 3. Soil Loss Reduced By 75 tons/yr 4. Grazing Management Is Not Limited By Livestock Watering Facilities 5. 6. | |

| CRA con't | SYSTEM TEMPLATE LABEL cont'd | |
|-----------|---------------------------------------|---|
| 17. | QUALITY CRITERIA DOCUMENTATION | <i>List resource concerns, then indicate yes/no</i> |
| | 1.Brush Control | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 2.Forage Production | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 3.Gully Erosion | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 4.Livestock Watering Facilities | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 5. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 6. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 7. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 8. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 9. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 10. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

Conservation Practice Physical Effects on Resource Concerns Candidate Practice List

| State | Oklahoma | Field Office | Anadarko | CRA | 084A.40.004 | System Template Label | IDDZ1 |
|---|-------------------------------|---------------|-------------------|---------------|----------------------------|-----------------------|-------|
| Soil Interpretations Technical and Nontechnical Interpretations, Rangeland Interpretations | | | | | | | |
| Resource Concerns | | | | | | | |
| Conservation Practices | | Brush Control | Forage Production | Gully Erosion | Livestock Water Facilities | | |
| 314 | Brush Management | +++ | +++ | N/A | N/A | | |
| 338 | Prescribed Burning | +++ | ++ | N/A | N/A | | |
| 342 | Critical Area Planting | N/A | + | +++ | N/A | | |
| 362 | Diversion | N/A | + | +++ | + | | |
| 378 | Pond | N/A | + | + | +++ | | |
| 382 | Fence | + | ++ | ++ | ++ | | |
| 410 | Grade Stabilization Structure | N/A | + | +++ | 0 | | |
| 528A | Prescribed Grazing | ++ | +++ | ++ | +++ | | |
| 550 | Range Planting | 0 | ++ | + | + | | |
| 595 | Pest Management | +++ | ++ | N/A | N/A | | |
| 614 | Trough or Tank | + | ++ | + | +++ | | |
| 642 | Well | + | ++ | + | +++ | | |

RATINGS :

Not Applicable = N/A Slight = + or -
 Negligible = 0 Moderate = ++ or --
 Facilitating = F Significant = +++ or ---