# MANAGEMENT SYSTEM TEMPLATE

## A. BENCHMARK SYSTEM WORKSHEET

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|---|---|---|
| 1. | STATE | Oklahoma |
| 2. | FIELD OFFICE | El Reno, Enid, Guthrie, Kingfisher, Medford and Newkirk |
| 3. | MLRA | 80A |
| 4. | COMMON RESOURCE AREA (CRA) | 080A.40.003 |
| 5. | RESOURCE INTERPRETATIONS | |
| 5.1 | SOIL | Soils Legend, Technical/Non-Technical Soils Interpretations |
| 5.2 | WATER | Water Quantity & Quality Interpretations/Water Budgets |
| 5.3 | AIR | |
| 5.4 | PLANT | Pastureland Interpretations |
| 5.5 | ANIMAL | Threatened & Endangered Species List, Wildlife Interpretations |
| 5.6 | HUMAN | |
| 6. | HYDROLOGIC UNIT | |
| 7. | SYSTEM TEMPLATE LABEL | GCJZA |
| 8. | SYSTEM NAME | (80A) Bermudagrass and/or Weeping Lovegrass Mgmt. - Sandy Soils |
| 9. | PLANNING PHASE | BENCHMARK |
| 10. | PLANNING LEVEL | N/A |
| 11. | NRCS LANDUSE | Pasture |
| 12. | EXISTING CONSERVATION PRACTICES | |
| | 1. (512) Pasture & Hayland Planting (BG &/or WL) | |
| 13. | SYSTEM NARRATIVE | |

This system includes established bermudagrass and/or weeping lovegrass on rolling, deep sandy soils. Streambank erosion, as a result of frequent flooding, occurs adjacent to rivers and streams. Soil tests and/or production goals are seldom used in determining fertilizer needs or stocking rates. Resulting plant growth is of low vigor and poor quality. Livestock utilizing the grazing resource include cow/calf and stocker calves. Over grazing of the pastures is common. Existing livestock water facilities are inadequate to meet future grazing management needs. Eastern redcedar and various weeds become a problem when pastures are over grazed.

| 14. | RESOURCE CONCERNS | MAGNITUDE/EFFECTS |
|---|---|---|
| | 1. Soil-Erosion-Streambank | 1. Soil loss-50 T/Yr. |
| | 2. Water-Quantity-Flooding | 2. Damage/lost production |
| | 3. Plants-Mgmt.-Forage Production | 3. 70% potential production |
| | 4. Plants-Condition-Health & Vigor | 4. Low plant health & vigor |
| | 5. Plants-Management-Nutrient | 5. Improper application of fertilizers |
| | 6. Plants-Management-Pests | 6. Eastern redcedar (>25% canopy) |
| | 7. Animal-Habitat-Water (Domestic) | 7. 50% needed water storage |
| | 8. Animal-Mgmt.-Pop./Res. Balance | 8. 5 AUM's/Ac/Yr |