# 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 | Rangeland Interpretations |
| 5.5 | ANIMAL | Threatened & Endangered Species List, Wildlife Interpretations |
| 5.6 | HUMAN | |
| 6. | HYDROLOGIC UNIT | |
| 7. | SYSTEM TEMPLATE LABEL | GCDZA |
| 8. | SYSTEM NAME | (80A) Native Grass Mgmt. - Sandy Soils |
| 9. | PLANNING PHASE | BENCHMARK |
| 10. | PLANNING LEVEL | N/A |
| 11. | NRCS LANDUSE | Grazed range |
| 12. | EXISTING CONSERVATION PRACTICES | |
| | 1. (550) Range Seeding | |
| 13. | SYSTEM NARRATIVE | |

This system includes established native tall and mid-grasses on rolling, deep sandy soils. Pesticides are applied without determining extent of pest infestation. Livestock utilizing the grazing resource includes cow/calf and stocker calves. Grazing occurs without due consideration to balancing livestock numbers to forage quantity and quality with overgrazing common. Resulting plant growth is of low vigor and poor quality. Existing livestock water facilities are inadequate to meet future grazing management needs. Continuous overgrazing has contributed to the invasion of Eastern redcedar and various other weeds. Streambank erosion, as a result of frequent flooding, occurs adjacent to rivers and streams.

| 14. | RESOURCE CONCERNS | MAGNITUDE/EFFECTS |
|---|---|---|
| | 1. Soil-Erosion-Streambank | 1. Soil loss-50 T/Yr. |
| | 2. Water-Quan.-Flooding | 2. Damage/lost production |
| | 3. Plants-Mgmt.-Forage Production | 3. 3000 lbs/Ac/Yr |
| | 4. Plants-Condition-Health & Vigor | 4. Low plant health & vigor |
| | 5. Plants-Management-Pests | 5. Eastern redcedar (>25% canopy) |
| | 6. Animals-Habitat-Water (Dom.) | 6. 1/2 needed $H_2O$ storage |
| | 7. Animals-Mgmt-Pop./Res. Balance | 7. 12-15 Ac/Au/Yr |