

## MANAGEMENT SYSTEM TEMPLATE

### A. BENCHMARK SYSTEM WORKSHEET

|     |   |  |
|-----|---|--|
| 1.  | STATE   | Oklahoma   |
| 2.  | FIELD OFFICE  | Frederick, Hobart, Lawton, Walters   |
| 3.  | MLRA  | 78C Central Rolling Red Plains   |
| 4.  | COMMON RESOURCE AREA (CRA)  | 078C.40.023  |
| 5.  | RESOURCE INTERPRETATIONS  |  |
| 5.1 | SOIL  | Technical and Nontechnical Interpretations<br>Cropland Interpretations   |
| 5.2 | WATER   | Water Quality and Quantity Interpretations   |
| 5.3 | AIR   | N/A  |
| 5.4 | PLANT   | Cropland Interpretations   |
| 5.5 | ANIMAL  | N/A  |
| 5.6 | HUMAN   | N/A  |
| 6.  | HYDROLOGIC UNIT   | 11120303030, 11130202010, 020, 11130203010, 020, 030, 040, 050   |
| 7.  | SYSTEM TEMPLATE LABEL   | FWAZ0  |
| 8.  | SYSTEM NAME   | Cropland, Master Benchmark   |
| 9.  | PLANNING PHASE  | Benchmark  |
| 10. | PLANNING LEVEL  | N/A  |
| 11. | NRCS LANDUSE  | CROP   |
| 12. | EXISTING CONSERVATION PRACTICES   |  |
|     |   | <ol style="list-style-type: none"> <li>1. None</li> <li>2.</li> <li>3.</li> <li>4.</li> </ol>  |
| 13. | SYSTEM NARRATIVE  | <p>This benchmark system consists of wheat, cotton, alfalfa, and grain sorghum planted on loamy and clayey soils in floodplains and bottomlands of Blue Beaver, Post Oak, Pecan, Sandy, East Cache, West Cache, and Deep Red Run Creeks. In some areas pecans are managed for commercial nut production. Occasionally, crops are damaged by flooding. Scour erosion caused by overflow is a concern. Tillage or heavy grazing when wet destroys the soil structure and causes crusting which reduces water intake. Water quality in the streams is degraded by sediments and deposition.</p> |
| 14. | RESOURCE CONCERNS   | MAGNITUDE/EFFECTS  |
|     | <ol style="list-style-type: none"> <li>1. Scour Erosion</li> <li>2. Soil Condition</li> <li>3. Surface Water Quality</li> <li>4.</li> <li>5.</li> </ol> | <ol style="list-style-type: none"> <li>1. Soil Loss &gt; 100 tons/year</li> <li>2. Water Intake Rates &lt; 1.0 inches/hour</li> <li>3. Water Quality is Poor for Most Uses</li> <li>4.</li> <li>5.</li> </ol>  |