

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Guymon - Texas County		
3.	MLRA	77A		
4.	COMMON RESOURCE AREA (CRA)	077A.40.001		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Soil Legends, Technical/Non-Technical Soil Interpretations		
5.2	WATER	Water Quantity and Quality		
5.3	AIR			
5.4	PLANT	Cropland Interpretations		
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations		
5.6	HUMAN			
6.	HYDROLOGIC UNIT	All		
7.	SYSTEM TEMPLATE LABEL	CAAOB		
8.	SYSTEM NAME	Flatlands - Dryland Wheat		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	RMS		
11.	NRCS LANDUSE	Crop		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. Residue Management, Seasonal (344) 2. Residue Management, Mulch Till (329B) 3. Nutrient Management (590) 4. Pest Management (595) 5. Surface Roughening (609) 6. 7. 8. 9. 10. 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This system consists of small grains planted under dryland conditions. Previous crop residues are maintained to protect the soil from wind erosion, improve soil tilth, reduce compaction and conserve soil moisture, resulting in improved plant health, vigor, productivity and increased crop harvest. Nutrient management provides crops and soil necessary fertility amounts to achieve realistic production goals and objectives. Pest management controls competition from undesirable weeds. Surface roughening aids in wind erosion protection when surface residues are deficient. Periodic subsoiling opens the soil surface and disturbs the plow pan to allow root development and increase rainfall infiltration.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Soil - Erosion - Wind 2. Soil - Condition - Tilth 3. Soil - Cond. - Compact. 4. Air - Qual. - Sediment 5. Plants - Cond. - Prod. 6. Plants - Cond. - Hlth/Vig 7. Plants - Est/Grwth/Harv 8. Plants - Mngmt - Nutr. 9. Plants - Mngmt - Pests 10. 	<ol style="list-style-type: none"> 1. 4 Tons/Yr 2. Improve soil health 3. Limit plow pan 4. Reduce sediments 5. 22 Bu./Ac. 6. Reduce crop stress 7. Improve crop growth 8. Utilize soil test 9. Control weeds/insects 10. 	<ol style="list-style-type: none"> 1. 11 Tons/Yr reduction 2. Soil Cond. Index >0.0 3. Improve root growth 4. Improve air quality 5. 7 Bu./Ac. increase 6. Increased crop yield 7. Increase harvest 8. Maximize crop yields 9. Increase crop yields 10. 	

17.	QUALITY CRITERIA DOCUMENTATION <i>list resource concerns then indicate yes/no</i>		
	<ol style="list-style-type: none"> 1. Soil - Erosion - Wind 2. Soil - Condition - Tilt 3. Soil - Condition - Compaction 4. Air - Quality - Airborne Sediment 5. Plants - Condition - Productivity 6. Plants - Condition - Health and Vigor 7. Plants - Management - Establishment, Growth & Harvest 8. Plants - Management - Nutrient 9. Plants - Management - Pests 10. 	<input checked="" type="checkbox"/> YES <input type="checkbox"/> YES <input type="checkbox"/> YES <input type="checkbox"/> YES <input checked="" type="checkbox"/> YES <input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO

