

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Cherokee - Alfalfa County
3.	MLRA	80A
4.	COMMON RESOURCE AREA (CRA)	080A.40.004
5.	RESOURCE INTERPRETATIONS	
5.1	SOIL	Soils Legends, Technical/Non-Technical Soils Interpretations, Hydric Interpretations
5.2	WATER	Water Quantity and Quality Interpretations/Water Budgets
5.3	AIR	
5.4	PLANT	Wildlife Interpretations
5.5	ANIMAL	Threatened and Endangered Species List, Wildlife Interpretations
5.6	HUMAN	
6.	HYDROLOGIC UNIT	11060004-060; 110600004-036
7.	SYSTEM TEMPLATE LABEL	GDOZA
8.	SYSTEM NAME	Wildlife Refuge
9.	PLANNING PHASE	BENCHMARK
10.	PLANNING LEVEL	N/A
11.	NRCS LANDUSE	Wildlife
12.	EXISTING CONSERVATION PRACTICES	
	<ol style="list-style-type: none"> 1. Wildlife Upland Habitat Management (645) 2. Wildlife Wetland Habitat Management (644) 3. 4. 5. 	
13.	SYSTEM NARRATIVE	
	<p>This area consists of the Great Salt Plains, Salt Plains Lake and U.S. Fish & Wildlife refuge. The landscape is nearly level and very poorly drained. The major soil is Salorthids. A lot of this area is strngly affected by salinity, has low available water capacity and is mostly devoid of vegetation. Two endangered species (Whooping Crane and Interior Least Tern) use this area for migration and/or nesting. The major concerns in this area are assisting the Oklahoma State Parks Dept. and the U.S. Fish & Wildlife Service in maintaining and enhancing the recreatinonal resource base and in improving and expanding waterfowl habitat areas.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	<ol style="list-style-type: none"> 1. Soil - Condition - Contaminants 2. Water - Quantity - Restr. Capac. 3. Water - Qual - Contaminants 4. Plants - Suitability - Adapted 5. Animals - Habitat - Food 6. Animals - Habitat - Cover 7. Animals - Habitat - T.& E. Species 8. 9. 10. 	<ol style="list-style-type: none"> 1. Excessive salts 2. Sedimentation of Lake 3. Excessive salt, sediment & nutrients 4. Salt tolerant vegetation 5. Enhance for deer, turkey, quail 6. Enhance for turkey, quail 7. Migration & nesting areas

Conservation Management Systems

Certification of Quality Criteria

RESOURCE CONSIDERATION/PROBLEM	Term Effect		Meets Quality Criteria			
	Short	Long	Benchmark		Planned	
			Yes	No	Yes	No
SOIL						
Erosion						
Sheet and rill			✓			
Wind			✓			
Irrigation induced			✓			
Concentrated flow						
Cropland ephemeral gully			✓			
Classic gully			✓			
Soil mass movement			✓			
Roadbank and construction sites			✓			
Streambank erosion			✓			
Condition						
Tilth			✓			
Compaction			✓			
Soil contaminants				✓		
Deposition (Onsite & Offsite)						
Damage			✓			
Safety			✓			
WATER						
Quantity						
Seeps			✓			
Flooding			✓			
Subsurface water			✓			
Restricted capacity				✓		
Conveyance			✓			
Inadequate outlets			✓			
Restricted capacity, water bodies			✓			
Water management--irrigated			✓			
Water management--non-irrigated			✓			
Quality						
Contaminants				✓		
Aquatic habitat suitability			✓			
AIR						
Quality						
Sediment			✓			
Smoke			✓			
Chemical drift			✓			
Odors			✓			
Fungi			✓			
Molds			✓			
Pollen			✓			
Condition						
Temperature			✓			
Air movement			✓			
Humidity			✓			

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Certification of Quality Criteria

RESOURCE CONSIDERATION/PROBLEM	Term Effect		Meets Quality Criteria			
	Short	Long	Benchmark		Planned	
			Yes	No	Yes	No
PLANTS						
Suitability						
Adapted to site			✓	✓		
Intended use			✓			
Condition						
Productivity			✓			
Health and vigor			✓			
Management						
Establishment			✓			
Growth			✓			
Harvest			✓			
Nutrient management			✓			
Pests			✓			
Threatened and endangered species			✓			
ANIMALS(domestic/wildlife)						
Habitat						
Food				✓		
Cover				✓		
Shelter			✓			
Water			✓			
Threatened and endangered species				✓		
Management						
Population and Resource Balance			✓			
Animal Health			✓			

References:
 NPPH Pages 75-78
 FOTG Section III - Quality Criteria
 GM -450 Part 401 Paragraph 401.03