

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Bristow, Chandler, Guthrie, Oklahoma City, awhuska, Pawnee, Perry and Stillwater	
3.	MLRA	84A	
4.	COMMON RESOURCE AREA (CRA)	084A.40.001	
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>	
5.1	SOIL	Soils Legend, Technical/Non-Technical Soils Interpretations	
5.2	WATER	Water Quantity and Quality Interpretations/Water Budgets	
5.3	AIR		
5.4	PLANT	Non-Agricultural Interpretations	
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations	
5.6	HUMAN		
6.	HYDROLOGIC UNIT		
7.	SYSTEM TEMPLATE LABEL	IALZB	
8.	SYSTEM NAME	(84A) Urban Built-up and Ranchettes	
9.	PLANNING PHASE	Non-benchmark	
10.	PLANNING LEVEL	RMS	
11.	NRCS LANDUSE	Urban	
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>	
		<ol style="list-style-type: none"> 1. (342) Critical Area Planting 2. (410) Grade Stabilization Structure 3. (561) Heavy Use Area Protection 4. (595) Pest Management 5. (528A) Prescribed Grazing 6. (554) Regulating Water in Drainage Systems 7. (558) Roof Runoff Management 8. (570) Runoff Management System 9. (350) Sediment Basin 10. (580) Streambank and Shoreline Protection 11. (638) Water and Sediment Control Basin 12. (391) Riparian Forest Buffer 13. (590) Nutrient Management 	
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>	
		<p>This system includes management of established bermudagrass in densely populated residential areas and ranchettes in or near large metropolitan areas. Soils vary in depth, texture and slope. Critical area planting, heavy use area protection, grade stabilization structures, temporary cover, mulching, silt fences, sediment basins and/or water and sediment control basins will reduce erosion and hazards related to sediment. Roof runoff management, regulating water in drainage systems, runoff management systems and/or water and sediment control basins will contribute to reduced flooding and related hazards. Streambank protection, riparian forest buffers and/or critical area planting (along with related runoff management) will protect streambanks from erosion. Prescribed grazing, nutrient management and pest management will balance forage availability with livestock needs, contribute to improved plant health and vigor, and provide for proper application of fertilizers and pesticides.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	<ol style="list-style-type: none"> 1. Soil-Erosion-Sheet & Rill 2. Soil-Erosion-Gully 3. Soil-Erosion-Roadbank 4. Soil-Erosion-Streambank 5. Soil-Deposition-Damage 6. Soil-Deposition-Safety 7. Water-Quantity-Flooding 8. Water-Quan.-Convey. 9. Water-Quan.-Rest. Cap. 10. Water-Qual.-Surf.Cont. 11. Plants-Cond.-Hlth/Vigor 12. Plants-Mgmt.-Nutrient 13. Plants-Mgmt.-Pests 14. Animal-Mgmt.-P/R Bal. 	<ol style="list-style-type: none"> 1. 1 T/Ac/Yr soil loss 2. 0 T/Ac/Yr soil loss 3. 0 T/Ac/Yr soil loss 4. 0 T/Ac/Yr soil loss 5. Reduced sediment 6. Reduced sediment 7. Improved stream cap. 8. Impr. stream capacity 9. Reduced sediment 10.Red. contaminants 11. Impr. health & vigor 12. Proper application 13. Weeds controlled 14. 6 AUM's/Ac 	<ol style="list-style-type: none"> 1. 9 T/Ac/Yr saved 2. 50 T/Yr soil saved 3. 50 T/Yr soil saved 4. 50 T/Yr soil saved 5. Reduced damage 6. Improved safety 7. Red. damage/property loss 8. Red. flooding 9. Increased capacity 10. Impr. H₂O quality 11. Improved cover 12. Prod./plant needs met 13. Red. competition 14. 1 AUM/Ac improvement

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION	<i>List resource concerns, then indicate yes/no</i>
	1. Soil - Erosion - Sheet and Rill	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Soil - Erosion - Gully	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Soil - Erosion - Roadbank	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Soil - Erosion - Streambank	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Soil - Deposition - Off-site Damage	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Soil - Deposition - Off-site Safety	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	7. Water - Quantity - Flooding	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	8. Water - Quantity - Off-site Convey. Restricted Capacity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	9. Water - Quantity - Streams & Lakes Restricted Capacity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	10. Water - Quality - Surface Water Contam. (Nutr. & Org.)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	11. Plants - Condition - Health & Vigor	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	12. Plants - Management - Nutrient	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	11. Plants - Management - Pests	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	14. Animal - Management - Population & Resource Balance	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Conservation Management Systems

084A.40.001

Certification of Quality Criteria

IALZA
IALZB

RESOURCE CONSIDERATION/PROBLEM	Term Effect		Meets Quality Criteria			
	Short	Long	Benchmark		Planned	
			Yes	No	Yes	No
SOIL						
Erosion						
Sheet and rill				✓		
Wind			N/A			
Irrigation induced			N/A			
Concentrated flow						
Cropland ephemeral gully			N/A			
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 (Surface)				✓		
Aquatic habitat suitability			✓			
AIR						
Quality						
Sediment			✓			
Smoke			✓			
Chemical drift			✓			
Odors			✓			
Fungi			✓			
Molds			✓			
Pollen			✓			
Condition						
Temperature				✓		
Air movement				✓		
Humidity				✓		

Conservation Management Systems

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

