MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Bristow, Chandler, Guthrie, Oklahoma City, Pawhuska, Pawnee, Perry and Stillwater
3.	MLRA	84A
4.	COMMON RESOURCE AREA (CRA)	084A.40.001
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	Non-Agricultural Interpretations
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	IALZA
8.	SYSTEM NAME	(84A) Urban Built-up and Ranchettes
9.	PLANNING PHASE	BENCHMARK
10.	PLANNING LEVEL	N/A
11.	NRCS LANDUSE	Urban
12.	EXISTING CONSERVATION PRACTICES	

1. (561) Heavy Use Area Protection
2. (512) Pasture and Hayland Planting (BG)

13. SYSTEM NARRATIVE

This system includes established bermudagrass in densely populated residential areas and ranchettes in or near large metropolitan areas. Soils vary in depth, texture and slope. Soil erosion from construction sites (sheet, rill and concentrated flow) create safety hazards and damage when sediment collects on streets/roads and vegetation. Localized flooding occurs as a result of development and inadequate capacity of natural drains due to sediment. Flooding and inadequate stream capacity also cause significant streambank erosion. Sediment eventually restricts water/flood storage capacity of local water bodies. Sediment and runoff contains pollutants in the form of nutrients and pesticides that have been improperly applied or disposed. Fertilizers and pesticides are applied without consideration for production needs and pest infestation levels. Small lots/pastures are commonly overstocked and overgrazed with a variety of livestock. Weeds compete for moisture and nutrients as a result of overgrazing.

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	1. Soil-Erosion-Sheet & Rill	1. Soil loss-10 T/Ac/Yr
	2. Soil-Erosion-Gully	2. Soil loss-50 T/Yr
	3. Soil-Erosion-Roadbank	3. Soil loss-50 T/Yr
	4. Soil-Erosion-Streambank	4. Soil loss-50 T/Yr
	5. Soil-Deposition-Damage (Off-site)	5. Red. stream capacity/veg. damage
	6. Soil-Deposition-Safety (Off-site)	6. Sediment on streets & roads
	7. Water-Quantity-Flooding	7. Damage/property loss
	8. Water-Quant.-Convey. Cap. (Off-site)	8. Flooding
	9. Water-Qual.-Surf. H_2O-Contaminants	9. Runoff-Sediment/nutrients & pesticides
	10. Water-Quan.-Streams/Lakes Rest. Cap.	10. Lost water/flood retention
	11. Plants-Condition-Health & Vigor	11. Low plant health & vigor
	12. Plants-Management-Nutrient	12. Low production/vigor
	13. Plants-Management-Pests	13. Weed competition/H_2O & nutrients
	14. Animal-Mgmt-Pop./Res. Balance	14. 5 AUM's/Ac