

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Anadarko, Hobart, Lawton		
3.	MLRA	80A Central Rolling Red Prairies		
4.	COMMON RESOURCE AREA (CRA)	080A.40.009		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Technical and Nontechnical Interpretations 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	11130302110, 140, 150, 160, 170, 180		
7.	SYSTEM TEMPLATE LABEL	GIAZ1		
8.	SYSTEM NAME	Cropland, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	Resource Management System		
11.	NRCS LANDUSE	CROP		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. 328 Conservation Crop Rotation 2. 342 Critical Area Planting 3. 362 Diversion 4. 393 Filter Strip 5. 410 Grade Stabilization Structure 6. 412 Grassed Waterway 7. 442 Irrigation Sprinkler System 8. 449 Irrigation Water Management 9. 580 Streambank and Shoreline Protection 10. 606 Subsurface Drainage System 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consist of cultivated crops grown on loamy and sandy bottomland soils in the floodplains of the Washita River. The primary crops grown are alfalfa, small grains, cotton, peanuts, corn , and grain sorghum. Sprinkler irrigation is common and there are a few fields that are furrow irrigated. Most of the irrigation water is pumped from the river and adjacent streams. All of this area is flooded every 1 to 5 years. Vegetating critically eroding areas, diversions, streambank protection and grade stabilization will reduce erosion from gullies, streambank and scour erosion. Erosion control above the streambanks and filter strips will reduce the turbidity of the streams. Irrigation efficiency will be improved with monitoring and upgrading existing systems and proper design and installation of new systems. High water tables may be regulated with subsurface drainage when wetland policy is not effected.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Classic Gully Erosion 2. Streambank Erosion 3. Scour Erosion 4. Turbid Surface Water 5. Flooding 6. Irrigation Water Management 7. High Water Table 8. 9. 10. 	<ol style="list-style-type: none"> 1. Soil Loss = 0 tons/year 2. Soil Loss = 0 tons/year 3. Soil Loss = 0 tons/year 4. Water Quality Improved 5. Crop Production Reduced By 10% 6. Irrigation System Efficiency > 80% 7. Crop Production = 100% 8. 9. 10. 	<ol style="list-style-type: none"> 1. Soil Loss Reduced 50 tons/year 2. Soil Loss Reduced 50 tons/year 3. Soil Loss Reduced 30 tons/year 4. Treated Acres Do Not Contribute To Surface Water Turbidity 5. Crop Production Increased 10% 6. Irrigation System Efficiency Increased By 30% 7. Crop Production Increased By 10% 8. 9. 10. 	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION	<i>List resource concerns, then indicate yes/no</i>
	1. Classic Gully Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Streambank Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Scour Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Turbid Surface Water	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Flooding	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Irrigation Water Management	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	7. High Water Table	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	8.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	10.	<input type="checkbox"/> YES <input type="checkbox"/> NO

**Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List**

State	Oklahoma	Field Office	Anadarko, Hobart, Lawton		CRA	080A.40.009	System Template Label	GLAZ1
Soil Interpretations		Technical and Nontechnical Interpretations, Cropland Interpretations						
Resource Concerns		Classic Gully Erosion	Streambank Erosion	Scour Erosion	Turbid Surface Water	Flooding	Irrigation Water Management	High Water Table
328	Conservation Crop Rotation	N/A	0	0	+++	+	+	++
342	Critical Area Planting	+++	+++	+++	+++	+	N/A	+
362	Diversion	+++	+++	+++	+++	+++	N/A	N/A
393	Filter Strip	++	+++	+++	+++	+	N/A	N/A
410	Grade Stabilization Structure	+++	+++	N/A	+++	+	N/A	N/A
412	Grassed Waterway	++	++	+++	+++	0	N/A	N/A
442	Irrigation System - Sprinkler	N/A	N/A	N/A	+	N/A	+++	N/A
449	Irrigation Water Management	N/A	N/A	N/A	+	N/A	+++	N/A
580	Streambank Protection	+++	+++	N/A	+++	+	N/A	N/A
606	Subsurface Drainage System	N/A	N/A	N/A	N/A	+	+	+++

RATINGS :

Not Applicable = N/A
 Negligible = 0
 Facilitating = F
 Slight = + or -
 Moderate = ++ or --
 Significant = +++ or ---