

WATERSHED NAME & CODE		MAQUOKETA - 07060006			LANDUSE ACRES		293,036		
LANDUSE TYPE		PASTURELAND			TYPICAL UNIT SIZE ACRES		35		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		18%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Classic Gully	Soil Erosion – Streambank	Plant Condition – Productivity, Health and Vigor	Domestic Animals – Inadequate Quantities and Quality of Feed
Baseline System		System Rating ->			0	0	0	0	
Total Acreage at Baseline Level		137,141	106,558	0	106,558				
No Conservation Practices being applied at this level		0	0	0	0	0	0	0	
Progressive System		System Rating ->			4	2	5	5	
Total Acreage at Progressive Level		134,504	114,866	24,274	139,140				
Brush Management (ac.) 314		2,690	2,297	485	2,783	3	1	3	2
Fence (ft.) 382		146,032	124,712	26,355	151,066	0	0	2	4
Grade Stabilization Structure (no.) 410		384	328	69	398	5	3	0	0
Grassed Waterway (ac.) 412		404	345	73	417	4	0	2	1
Pasture & Hayland Planting (ac.) 512		31,070	26,534	5,607	32,141	0	0	5	5
Prescribed Grazing (ac.) 528		66,848	57,088	12,064	69,153	2	3	5	5
Watering Facility (no.) 614		1,153	985	208	1,193	0	0	2	4
Resource Management System (RMS)		System Rating ->			4	4	5	5	
Total Acreage at RMS Level		21,392	21,392	25,946	47,338				
Brush Management (ac.) 314		428	821	126	947	3	1	3	2
Fence (ft.) 382		1,397,790	1,419,111	1,674,065	3,093,175	0	0	2	4
Forest Stand Improvement (ac.) 666		0	0	0	0	0	0	5	0
Grade Stabilization Structure (no.) 410		306	362	315	676	5	3	0	0
Grassed Waterway (ac.) 412		68	127	24	151	4	0	2	1
Nutrient Management (ac.) 590		5,583	5,583	6,772	12,355	0	0	3	4
Pasture & Hayland Planting (ac.) 512		12,236	16,772	10,305	27,077	0	0	5	5
Pest Management (ac.) 595		5,583	5,583	6,772	12,355	0	0	5	4
Pipeline (ft.) 516		24,448	24,448	29,653	54,100	0	2	2	0
Prescribed Grazing (ac.) 528		17,948	27,707	12,009	39,716	2	3	5	5
Riparian Forest Buffer (ac.) 391		3,679	3,679	4,463	8,142	0	3	5	1
Upland Wildlife Habitat Management (ac.) 645		3,679	3,679	4,463	8,142	0	1	4	2
Use Exclusion (ac.) 472		3,679	3,679	4,463	8,142	2	4	4	3
Watering Facility (no.) 614		733	902	721	1,623	0	0	2	4
CONSERVATION INVESTMENT INFORMATION									
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT				PRIVATE INVESTMENT		
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		24273.9301							
Brush Management (ac.) 314		485	\$47,091	\$0	\$9,418	\$56,510	\$47,091	\$942	\$51,405
Fence (ft.) 382		26,355	\$24,510	\$0	\$4,902	\$29,412	\$24,510	\$980	\$29,000
Grade Stabilization Structure (no.) 410		69	\$523,623	\$0	\$104,725	\$628,348	\$523,623	\$10,472	\$571,584
Grassed Waterway (ac.) 412		73	\$43,693	\$0	\$8,739	\$52,432	\$43,693	\$1,748	\$51,697
Pasture & Hayland Planting (ac.) 512		5,607	\$378,491	\$0	\$75,698	\$454,190	\$378,491	\$7,570	\$413,159
Prescribed Grazing (ac.) 528		12,064	\$343,828	\$0	\$68,766	\$412,594	\$343,828	\$0	\$343,828
Watering Facility (no.) 614		208	\$104,031	\$0	\$20,806	\$124,837	\$104,031	\$6,242	\$132,617
Subtotal			\$1,465,268	\$0	\$293,054	\$1,758,322	\$1,465,268	\$27,954	\$1,593,290
Resource Management System (RMS) Acres Treated		25945.99351							
Brush Management (ac.) 314		126	\$12,238	\$0	\$2,448	\$14,686	\$12,238	\$245	\$13,359
Fence (ft.) 382		1,674,065	\$1,556,880	\$0	\$311,376	\$1,868,256	\$1,556,880	\$62,275	\$1,842,082
Forest Stand Improvement (ac.) 666		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grade Stabilization Structure (no.) 410		315	\$2,374,851	\$0	\$474,970	\$2,849,822	\$2,374,851	\$47,497	\$2,592,374
Grassed Waterway (ac.) 412		24	\$14,469	\$0	\$2,894	\$17,363	\$14,469	\$579	\$17,119
Nutrient Management (ac.) 590		6,772	\$0	\$264,104	\$52,821	\$301,837	\$0	\$88,035	\$154,157
Pasture & Hayland Planting (ac.) 512		10,305	\$695,577	\$0	\$139,115	\$834,692	\$695,577	\$13,912	\$759,288
Pest Management (ac.) 595		6,772	\$0	\$81,263	\$16,253	\$92,873	\$0	\$27,088	\$47,433
Pipeline (ft.) 516		29,653	\$23,722	\$0	\$4,744	\$28,466	\$23,722	\$949	\$28,068
Prescribed Grazing (ac.) 528		12,009	\$342,252	\$0	\$68,450	\$410,702	\$342,252	\$0	\$342,252
Riparian Forest Buffer (ac.) 391		4,463	\$1,414,679	\$0	\$282,936	\$1,697,615	\$1,414,679	\$84,881	\$1,803,408
Upland Wildlife Habitat Management (ac.) 645		4,463	\$0	\$133,881	\$26,776	\$153,009	\$0	\$44,627	\$78,146
Use Exclusion (ac.) 472		4,463	\$89,254	\$0	\$17,851	\$107,105	\$89,254	\$5,355	\$113,780
Watering Facility (no.) 614		721	\$360,628	\$0	\$72,126	\$432,753	\$360,628	\$21,638	\$459,722
Subtotal			\$6,884,551	\$479,248	\$1,472,760	\$8,809,180	\$6,884,551	\$397,079	\$8,251,189
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		50219.92361	\$8,349,819	\$479,248	\$1,765,814	\$10,567,502	\$8,349,819	\$425,033	\$9,844,479

Note: Estimates for Matrices are for general planning purposes only and not based on actual funding.