

WATERSHED NAME & CODE		IOWA RIVER (MIDDLE) - 07080208				LANDUSE ACRES		238,774	
LANDUSE TYPE		PASTURELAND				TYPICAL UNIT SIZE ACRES		67	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		14%	
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	Plant Condition – Productivity, Health and Vigor	Domestic Animals – Inadequate Quantities and Quality of Feed	Domestic Animals – Inadequate Stock Water
Baseline System		System Rating ->				0	0	0	0
Total Acreage at Baseline Level		158,785	135,761	0	135,761				
No Conservation Practices being applied at this level		0	0	0	0	0	0	0	0
Progressive System		System Rating ->				2	4	4	0
Total Acreage at Progressive Level		65,424	56,657	18,895	75,553				
Fence (ft.) 382		1,126,475	975,527	325,342	1,300,869	0	2	4	0
Grassed Waterway (ac.) 412		20	17	6	23	4	2	1	0
Pasture & Hayland Planting (ac.) 512		17,141	14,844	4,951	19,795	0	5	5	0
Use Exclusion (ac.) 472		3,579	3,099	1,034	4,133	2	4	3	0
Resource Management System (RMS)		System Rating ->				4	5	5	4
Total Acreage at RMS Level		14,565	14,565	12,895	27,460				
Brush Management (ac.) 314		2,546	2,546	2,254	4,800	3	3	2	0
Conservation Cover (ac.) 327		750	750	664	1,414	1	4	0	0
Fence (ft.) 382		603,854	754,802	383,671	1,138,473	0	2	4	0
Grade Stabilization Structure (no.) 410		39	39	35	74	5	0	0	1
Grassed Waterway (ac.) 412		4	7	1	8	4	2	1	0
Nutrient Management (ac.) 590		5,150	5,150	4,560	9,710	0	3	4	0
Pasture & Hayland Planting (ac.) 512		9,336	11,633	5,969	17,602	0	5	5	0
Pest Management (ac.) 595		5,150	5,150	4,560	9,710	0	5	4	0
Pipeline (ft.) 516		31,102	31,102	27,536	58,637	0	2	0	5
Prescribed Grazing (ac.) 528		10,906	10,906	9,656	20,562	2	5	5	0
Riparian Forest Buffer (ac.) 391		567	567	502	1,068	0	5	1	0
Stream Crossing 578		59	59	52	111	0	0	3	3
Underground Outlet (ft.) 620		26,283	26,283	23,270	49,553	1	0	0	0
Upland Wildlife Habitat Management (ac.) 645		1,516	1,516	1,342	2,859	0	4	2	0
Use Exclusion (ac.) 472		1,518	1,997	864	2,861	2	4	3	0
Watering Facility (no.) 614		140	140	124	264	0	2	4	5
Wetland Restoration (ac.) 657		102	102	90	192	0	4	1	1
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		18895.38049							
Fence (ft.) 382		325,342	\$302,568	\$0	\$60,514	\$363,081	\$302,568	\$12,103	\$357,994
Grassed Waterway (ac.) 412		6	\$3,401	\$0	\$680	\$4,081	\$3,401	\$136	\$4,024
Pasture & Hayland Planting (ac.) 512		4,951	\$334,165	\$0	\$66,833	\$400,998	\$334,165	\$6,683	\$364,772
Use Exclusion (ac.) 472		1,034	\$20,672	\$0	\$4,134	\$24,806	\$20,672	\$1,240	\$26,352
Subtotal			\$660,805	\$0	\$132,161	\$792,966	\$660,805	\$20,162	\$753,143
Resource Management System (RMS) Acres Treated		12895.22864							
Brush Management (ac.) 314		2,254	\$218,646	\$0	\$43,729	\$262,376	\$218,646	\$4,373	\$238,673
Conservation Cover (ac.) 327		664	\$54,124	\$0	\$10,825	\$64,949	\$54,124	\$3,247	\$68,997
Fence (ft.) 382		383,671	\$356,814	\$0	\$71,363	\$428,177	\$356,814	\$14,273	\$422,178
Grade Stabilization Structure (no.) 410		35	\$263,528	\$0	\$52,706	\$316,234	\$263,528	\$5,271	\$287,666
Grassed Waterway (ac.) 412		1	\$743	\$0	\$149	\$892	\$743	\$30	\$879
Nutrient Management (ac.) 590		4,560	\$0	\$177,830	\$35,566	\$203,237	\$0	\$59,277	\$103,799
Pasture & Hayland Planting (ac.) 512		5,969	\$402,903	\$0	\$80,581	\$483,484	\$402,903	\$8,058	\$439,807
Pest Management (ac.) 595		4,560	\$0	\$54,717	\$10,943	\$62,534	\$0	\$18,239	\$31,938
Pipeline (ft.) 516		27,536	\$22,029	\$0	\$4,406	\$26,434	\$22,029	\$881	\$26,064
Prescribed Grazing (ac.) 528		9,656	\$275,194	\$0	\$55,039	\$330,233	\$275,194	\$0	\$275,194
Riparian Forest Buffer (ac.) 391		502	\$159,015	\$0	\$31,803	\$190,818	\$159,015	\$9,541	\$202,709
Stream Crossing 578		52	\$6,859	\$0	\$1,372	\$8,230	\$6,859	\$137	\$7,487
Underground Outlet (ft.) 620		23,270	\$69,809	\$0	\$13,962	\$83,771	\$69,809	\$1,396	\$76,203
Upland Wildlife Habitat Management (ac.) 645		1,342	\$0	\$40,272	\$8,054	\$46,025	\$0	\$13,424	\$23,507
Use Exclusion (ac.) 472		864	\$17,283	\$0	\$3,457	\$20,739	\$17,283	\$1,037	\$22,032
Watering Facility (no.) 614		124	\$62,052	\$0	\$12,410	\$74,463	\$62,052	\$3,723	\$79,103
Wetland Restoration (ac.) 657		90	\$60,930	\$0	\$12,186	\$73,116	\$60,930	\$1,219	\$66,511
Subtotal			\$1,969,929	\$272,819	\$448,550	\$2,675,712	\$1,969,929	\$144,125	\$2,372,747
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		31790.60913	\$2,630,735	\$272,819	\$580,711	\$3,468,679	\$2,630,735	\$164,287	\$3,125,890

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