

WATERSHED NAME & CODE		IOWA RIVER (LOWER) - 07080209			LANDUSE ACRES		273,436		
LANDUSE TYPE		PASTURELAND			TYPICAL UNIT SIZE ACRES		54		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		22%		
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		166,796	130,434	0	130,434				
No Conservation Practices being applied at this level		0	0	0	0	0	0	0	
Progressive System		System Rating ->			3	5	5	4	
Total Acreage at Progressive Level		76,562	59,872	26,354	86,225				
Fence (ft.) 382		575,985	450,420	198,262	648,682	0	2	4	0
Grade Stabilization Structure (no.) 410		156	122	54	175	5	0	0	1
Pasture & Hayland Planting (ac.) 512		22,739	17,782	7,827	25,609	0	5	5	0
Pipeline (ft.) 516		120,292	94,068	41,406	135,474	0	2	0	5
Prescribed Grazing (ac.) 528		13,934	10,897	4,796	15,693	2	5	5	0
Watering Facility (no.) 614		311	243	107	351	0	2	4	5
Resource Management System (RMS)		System Rating ->			5	5	5	5	
Total Acreage at RMS Level		30,078	30,078	26,698	56,776				
Brush Management (ac.) 314		6,199	6,199	5,503	11,702	3	3	2	0
Conservation Cover (ac.) 327		105	105	93	199	1	4	0	0
Fence (ft.) 382		1,641,778	1,767,343	1,331,738	3,099,081	0	2	4	0
Grade Stabilization Structure (no.) 410		334	368	262	630	5	0	0	1
Grassed Waterway (ac.) 412		39	39	35	74	4	2	1	0
Heavy Use Area Protection (ac.) 561		15	15	13	28	0	3	0	0
Pasture & Hayland Planting (ac.) 512		22,258	27,215	14,800	42,014	0	5	5	0
Pipeline (ft.) 516		455,339	481,563	377,952	859,515	0	2	0	5
Pond (no.) 378		111	111	99	210	3	2	0	5
Prescribed Grazing (ac.) 528		30,078	33,116	23,661	56,776	2	5	5	0
Stream Crossing 578		222	222	197	420	0	0	3	3
Streambank & Shoreline Protection (ft.) 580		149,556	149,556	132,751	282,307	0	2	1	0
Upland Wildlife Habitat Management (ac.) 645		105	105	93	199	0	4	2	0
Use Exclusion (ac.) 472		105	105	93	199	2	4	3	0
Water & Sediment Control Basin (no.) 638		56	56	49	105	3	0	0	0
Watering Facility (no.) 614		1,112	1,180	919	2,099	0	2	4	5
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		26353.76168							
Fence (ft.) 382		198,262	\$184,384	\$0	\$36,877	\$221,261	\$184,384	\$7,375	\$218,161
Grade Stabilization Structure (no.) 410		54	\$404,562	\$0	\$80,912	\$485,474	\$404,562	\$8,091	\$441,617
Pasture & Hayland Planting (ac.) 512		7,827	\$528,327	\$0	\$105,665	\$633,992	\$528,327	\$10,567	\$576,719
Pipeline (ft.) 516		41,406	\$33,125	\$0	\$6,625	\$39,750	\$33,125	\$1,325	\$39,193
Prescribed Grazing (ac.) 528		4,796	\$136,697	\$0	\$27,339	\$164,036	\$136,697	\$0	\$136,697
Watering Facility (no.) 614		107	\$53,584	\$0	\$10,717	\$64,301	\$53,584	\$3,215	\$68,308
Subtotal			\$1,340,679	\$0	\$268,136	\$1,608,815	\$1,340,679	\$30,573	\$1,480,695
Resource Management System (RMS) Acres Treated		26698.29104							
Brush Management (ac.) 314		5,503	\$533,744	\$0	\$106,749	\$640,493	\$533,744	\$10,675	\$582,632
Conservation Cover (ac.) 327		93	\$7,616	\$0	\$1,523	\$9,139	\$7,616	\$457	\$9,708
Fence (ft.) 382		1,331,738	\$1,238,516	\$0	\$247,703	\$1,486,219	\$1,238,516	\$49,541	\$1,465,398
Grade Stabilization Structure (no.) 410		262	\$1,979,330	\$0	\$395,866	\$2,375,196	\$1,979,330	\$39,587	\$2,160,625
Grassed Waterway (ac.) 412		35	\$20,825	\$0	\$4,165	\$24,990	\$20,825	\$833	\$24,640
Heavy Use Area Protection (ac.) 561		13	\$233,610	\$0	\$46,722	\$280,332	\$233,610	\$23,361	\$340,597
Pasture & Hayland Planting (ac.) 512		14,800	\$998,976	\$0	\$199,795	\$1,198,771	\$998,976	\$19,980	\$1,090,477
Pipeline (ft.) 516		377,952	\$302,362	\$0	\$60,472	\$362,834	\$302,362	\$12,094	\$357,751
Pond (no.) 378		99	\$725,443	\$0	\$145,089	\$870,532	\$725,443	\$72,544	\$1,057,675
Prescribed Grazing (ac.) 528		23,661	\$674,327	\$0	\$134,865	\$809,193	\$674,327	\$0	\$674,327
Stream Crossing 578		197	\$25,859	\$0	\$5,172	\$31,031	\$25,859	\$517	\$28,228
Streambank & Shoreline Protection (ft.) 580		132,751	\$2,986,902	\$0	\$597,380	\$3,584,283	\$2,986,902	\$119,476	\$3,534,068
Upland Wildlife Habitat Management (ac.) 645		93	\$0	\$2,803	\$561	\$3,204	\$0	\$934	\$1,636
Use Exclusion (ac.) 472		93	\$1,869	\$0	\$374	\$2,243	\$1,869	\$112	\$2,382
Water & Sediment Control Basin (no.) 638		49	\$98,700	\$0	\$19,740	\$118,440	\$98,700	\$5,922	\$125,821
Watering Facility (no.) 614		919	\$459,563	\$0	\$91,913	\$551,475	\$459,563	\$27,574	\$585,842
Subtotal			\$10,287,642	\$2,803	\$2,058,089	\$12,348,375	\$10,287,642	\$383,607	\$12,041,807
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		53052.05272	\$11,628,321	\$2,803	\$2,326,225	\$13,957,189	\$11,628,321	\$414,180	\$13,522,502

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