

WATERSHED NAME & CODE		IOWA RIVER (MIDDLE) - 07080208				LANDUSE ACRES		93,577	
LANDUSE TYPE		WOODLAND				TYPICAL UNIT SIZE ACRES		61	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		6%	
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	Plant Condition – Noxious and Invasive Plants	Fish and Wildlife – Inadequate Cover/Shelter
<b>Baseline System</b>		System Rating ->				3	0	0	0
Total Acreage at Baseline Level		66,627	63,362	0	63,362				
Grade Stabilization Structure (no.) 410		152	144	0	144	5	0	0	0
<b>Progressive System</b>		System Rating ->				3	2	2	2
Total Acreage at Progressive Level		18,903	16,634	2,998	19,632				
Fence (ft.) 382		120,373	105,928	19,093	125,021	0	2	1	2
Grade Stabilization Structure (no.) 410		43	45	0	45	5	0	0	0
Underground Outlet (ft.) 620		11,083	9,753	1,758	11,511	1	0	0	0
Use Exclusion (ac.) 472		14,612	12,858	2,318	15,176	2	4	4	3
<b>Resource Management System (RMS)</b>		System Rating ->				4	5	5	5
Total Acreage at RMS Level		8,048	8,048	2,535	10,582				
Brush Management (ac.) 314		4,595	4,595	1,447	6,043	3	3	4	3
Fence (ft.) 382		152,433	166,878	33,568	200,446	0	2	1	2
Forest Stand Improvement (ac.) 666		6,937	6,937	2,185	9,122	0	5	4	3
Grade Stabilization Structure (no.) 410		79	84	19	103	5	0	0	0
Streambank & Shoreline Protection (ft.) 580		25,821	25,821	8,133	33,953	0	2	4	2
Subsurface Drain (ft.) 606		2,228	2,228	702	2,930	1	2	0	0
Tree/Shrub Establishment (ac.) 612		636	636	200	836	2	5	4	4
Underground Outlet (ft.) 620		2,621	3,360	87	3,447	1	0	0	0
Upland Wildlife Habitat Management (ac.) 645		6,261	6,261	1,972	8,233	0	4	4	5
Use Exclusion (ac.) 472		6,953	8,707	437	9,143	2	4	4	3
Wetland Restoration (ac.) 657		16	16	5	21	0	4	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
<b>Progressive System Acres Treated</b>		2998.20708							
Fence (ft.) 382		19,093	\$17,756	\$0	\$3,551	\$21,308	\$17,756	\$710	\$21,009
Grade Stabilization Structure (no.) 410		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Underground Outlet (ft.) 620		1,758	\$5,274	\$0	\$1,055	\$6,328	\$5,274	\$105	\$5,757
Use Exclusion (ac.) 472		2,318	\$46,352	\$0	\$9,270	\$55,623	\$46,352	\$2,781	\$59,089
<b>Subtotal</b>			\$69,382	\$0	\$13,876	\$83,259	\$69,382	\$3,597	\$85,855
<b>Resource Management System (RMS) Acres Treated</b>		2534.813776							
Brush Management (ac.) 314		1,447	\$140,396	\$0	\$28,079	\$168,475	\$140,396	\$2,808	\$153,255
Fence (ft.) 382		33,568	\$31,218	\$0	\$6,244	\$37,462	\$31,218	\$1,249	\$36,937
Forest Stand Improvement (ac.) 666		2,185	\$133,286	\$0	\$26,657	\$159,943	\$133,286	\$7,997	\$169,910
Grade Stabilization Structure (no.) 410		19	\$143,378	\$0	\$28,676	\$172,054	\$143,378	\$2,868	\$156,511
Streambank & Shoreline Protection (ft.) 580		8,133	\$182,990	\$0	\$36,598	\$219,588	\$182,990	\$7,320	\$216,511
Subsurface Drain (ft.) 606		702	\$1,944	\$0	\$389	\$2,333	\$1,944	\$39	\$2,122
Tree/Shrub Establishment (ac.) 612		200	\$57,071	\$0	\$11,414	\$68,486	\$57,071	\$1,141	\$62,299
Underground Outlet (ft.) 620		87	\$260	\$0	\$52	\$313	\$260	\$5	\$284
Upland Wildlife Habitat Management (ac.) 645		1,972	\$0	\$59,163	\$11,833	\$67,615	\$0	\$19,721	\$34,533
Use Exclusion (ac.) 472		437	\$8,734	\$0	\$1,747	\$10,480	\$8,734	\$524	\$11,133
Wetland Restoration (ac.) 657		5	\$3,422	\$0	\$684	\$4,106	\$3,422	\$68	\$3,735
<b>Subtotal</b>			\$702,699	\$59,163	\$152,372	\$910,853	\$702,699	\$43,740	\$847,231
<b>TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS</b>		5533.020856	\$772,081	\$59,163	\$166,249	\$994,112	\$772,081	\$47,337	\$933,086

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