

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Rush-Vermillion"/>	Watershed Code	<input type="text" value="07040001"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Pasture"/>	Landuse Acres	<input type="text" value="118,004"/>	Interest Rate	<input type="text" value="5%"/>
Typical Unit Size (ac)	<input type="text" value="40"/>	Percent TA of FA	<input type="text" value="20%"/>	Cost-Share Rate	<input type="text" value="50%"/>
<i>Estimated Time Frame = 5 years</i>	Participation Rate <small>(Based on Watershed Profile)</small>	COMPARE	<input type="text" value="18%"/>	Calculated Participation Rate <small>(Based on Projected Future Conditions)</small>	<input type="button" value="Next"/>

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Baseline	80%	94,403	Baseline	80%	75,523	Baseline	64%	75,523	75,523	0
			Progressive	10%	9,440					
			RMS	10%	9,440					

Must Total 100% 100%

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	15%	17,701	Progressive	90%	15,931	Progressive	22%	25,371	15,931	9,440
			RMS	10%	1,770					

Must Total 100% 100%

Current Conditions			0			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	5%	5,900	RMS	100%	5,900	RMS	15%	17,111	5,900	11,210

Grand Totals	100%	118,004					100%	118,004	97,353	20,651
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DOCUMENTATION SECTION

PRACTICE FACTOR SHEET

Only shaded practices are in this analysis.

Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.

Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)

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Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name
378	1	x 0.02	x 0.02	NUMBER per TU	Pond (no.) 378
382	x 4,000	x 6,000	x 12,000	FEET per TU	Fence (ft.) 382
410	1	1	x 0.02	NUMBER per TU	Grade Stabilization Structure (no.) 410
472	25.0%	x 1.0%	x 2.0%	PERCENT of TU	Use Exclusion (ac.) 472
512	100.0%	x 25.0%	x 50.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516	1,000	1,000	x 1,500	FEET per TU	Pipeline (ft.) 516
528	100.0%	100.0%	x 100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
533	1	1	x 0.001	NUMBER per TU	Pumping Plant (no.) 533
561	10.0%	10.0%	x 0.5%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
574	1	1	x 0.010	NUMBER per TU	Spring Development (no.) 574
595	100.0%	8.0%	x 100.0%	PERCENT of TU	Pest Management (ac.) 595
614	1	1	x 4	NUMBER per TU	Watering Facility (no.) 614
642	1	1	x 0.001	NUMBER per TU	Water Well (no.) 642
342	5.0%	5.0%	1.0%	PERCENT of TU	Critical Area Planting (ac.) 342
578	50	50	1	FEET per TU	Stream Crossing 578
327	10.0%	10.0%	10.0%	PERCENT of TU	Conservation Cover (ac.) 327
328	100.0%	100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
344	80.0%	100.0%	100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
362	500	500	25	FEET per TU	Diversion (ft.) 362
380	500	500	500	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380
393	10.0%	1.0%	2.0%	PERCENT of TU	Filter Strip (ac.) 393
412	5.0%	0.5%	1.0%	PERCENT of TU	Grassed Waterway (ac.) 412
590	100.0%	10.0%	100.0%	PERCENT of TU	Nutrient Management (ac.) 590
600	5,000	5,000	100	FEET per TU	Terrace (ft.) 600
606	10,000	16,000	20,000	FEET per TU	Subsurface Drain (ft.) 606
633	100.0%	100.0%	10.0%	PERCENT of TU	Waste Utilization (ac.) 633
638	1	1	2	NUMBER per TU	Water & Sediment Control Basin (no.) 638
644	100.0%	100.0%	1.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
645	100.0%	7.0%	10.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
657	100.0%	100.0%	0.5%	PERCENT of TU	Wetland Restoration (ac.) 657

Help

WATERSHED NAME & CODE		RUSH-VERMILLION - 07040001			LANDUSE ACRES		118,004		
LANDUSE TYPE		PASTURE			TYPICAL UNIT SIZE ACRES		40		
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	Plant Condition – Productivity, Health and Vigor	Plant Condition – Forage Quality and Palatability	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		94,403	75,523	0	75,523				
Fence (ft.) 382		9,440,320	7,552,256	0	7,552,256	1	1	1	0
Progressive System		System Rating ->			4	3	3	1	
Total Acreage at Progressive Level		17,701	15,931	9,440	25,371				
Fence (ft.) 382		2,655,090	3,333,613	472,016	3,805,629	1	1	1	0
Pasture & Hayland Planting (ac.) 512		4,425	3,983	2,360	6,343	5	5	5	0
Pond (no.) 378		9	8	5	13	0	0	0	2
Use Exclusion (ac.) 472		177	159	94	254	3	0	2	1
Resource Management System (RMS)		System Rating ->			5	5	5	5	
Total Acreage at RMS Level		5,900	5,900	11,210	17,111				
Fence (ft.) 382		1,770,060	2,979,601	2,153,573	5,133,174	1	1	1	0
Grade Stabilization Structure (no.) 410		3	3	6	9	0	0	0	1
Heavy Use Area Protection (ac.) 561		30	30	56	86	0	0	0	0
Pasture & Hayland Planting (ac.) 512		2,950	3,393	5,163	8,555	5	5	5	0
Pest Management (ac.) 595		5,900	5,900	11,210	17,111	1	4	3	0
Pipeline (ft.) 516		221,258	221,258	420,389	641,647	0	0	0	5
Pond (no.) 378		3	4	5	9	0	0	0	2
Prescribed Grazing (ac.) 528		5,900	5,900	11,210	17,111	5	5	5	0
Pumping Plant (no.) 533		0	0	0	0	0	0	0	5
Spring Development (no.) 574		1	1	3	4	0	0	0	5
Use Exclusion (ac.) 472		118	136	207	342	3	0	2	1
Water Well (no.) 642		0	0	0	0	1	1	0	5
Watering Facility (no.) 614		590	590	1,121	1,711	1	1	0	5

WATERSHED NAME & CODE		RUSH-VERMILLION - 07040001						LANDUSE ACRES			118,004
LANDUSE TYPE		PASTURE						TYPICAL UNIT SIZE ACRES			40
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			18%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS	FUTURE	USDA INVESTMENT						OTHERS			NOTES/COMMENTS
	New Treatment Units	CTA	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State	Local	
Progressive System Acres Treated	9,440										
Fence (ft.) 382	472,016	X									
Pasture & Hayland Planting (ac.) 512	2,360	X	X		X						
Pond (no.) 378	5	X				X					
Use Exclusion (ac.) 472	94	X	X			X					
Resource Management System (RMS) Acres Treated	11,210										
Fence (ft.) 382	2,153,573	X									
Grade Stabilization Structure (no.) 410	6	X									
Heavy Use Area Protection (ac.) 561	56	X	X		X						
Pasture & Hayland Planting (ac.) 512	5,163	X	X		X						
Pest Management (ac.) 595	11,210	X	X	X							
Pipeline (ft.) 516	420,389	X									
Pond (no.) 378	5	X				X					
Prescribed Grazing (ac.) 528	11,210	X									
Pumping Plant (no.) 533	0	X									
Spring Development (no.) 574	3	X	X	X							
Use Exclusion (ac.) 472	207	X	X			X					
Water Well (no.) 642	0	X		X	X						
Watering Facility (no.) 614	1,121	X	X		X	X					

