

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Zumbro River"/>	Watershed Code	<input type="text" value="0704004"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Pasture"/>	Landuse Acres	<input type="text" value="214,518"/>	Interest Rate	<input type="text" value="5%"/>
Typical Unit Size (ac)	<input type="text" value="50"/>	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	COMPARE	<input type="text" value="13%"/>	Calculated Participation Rate	<input type="button" value="Next"/>
	<i>(Based on Watershed Profile)</i>			<i>(Based on Projected Future Conditions)</i>	

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Baseline	82%	175,905	Baseline	87%	153,037	Baseline	71%	153,037	153,037	0
			Progressive	10%	17,590					
			RMS	3%	5,277					

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%	32,178	Progressive	90%	28,960	Progressive	22%	46,550	28,960	17,590
			RMS	10%	3,218					

Must Total 100% 100%

Current Conditions			0			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	3%	6,436	RMS	100%	6,436	RMS	7%	14,930	6,436	8,495

Grand Totals	100%	214,518					100%	214,518	188,433	26,085
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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)

Back

Next

Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name
342	5.0%	5.0%	x 1.0%	PERCENT of TU	Critical Area Planting (ac.) 342
378	1	x 0.01	x 0.01	NUMBER per TU	Pond (no.) 378
382	x 4,000	x 5,000	x 10,000	FEET per TU	Fence (ft.) 382
410	1	1	x 0.01	NUMBER per TU	Grade Stabilization Structure (no.) 410
472	25.0%	25.0%	x 1.0%	PERCENT of TU	Use Exclusion (ac.) 472
512	100.0%	x 5.0%	x 10.0%	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 0.1%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
578	50	50	x 1	FEET per TU	Stream Crossing 578
595	100.0%	8.0%	x 10.0%	PERCENT of TU	Pest Management (ac.) 595
614	1	x 1	x 4	NUMBER per TU	Watering Facility (no.) 614
642	1	1	x 0.001	NUMBER per TU	Water Well (no.) 642
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
329A	100.0%	5.0%	8.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329A

Help

WATERSHED NAME & CODE		ZUMBRO RIVER - 0704004			LANDUSE ACRES		214,518		
LANDUSE TYPE		PASTURE			TYPICAL UNIT SIZE ACRES		50		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		13%		
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 ->			1	1	1	0	
Total Acreage at Baseline Level		175,905	153,037	0	153,037				
Fence (ft.) 382		14,072,381	12,242,971	0	12,242,971	3	3	3	0
Progressive System		System Rating ->			4	4	4	3	
Total Acreage at Progressive Level		32,178	28,960	17,590	46,550				
Fence (ft.) 382		3,217,770	4,303,231	351,810	4,655,041	3	3	3	0
Pasture & Hayland Planting (ac.) 512		1,609	1,448	880	2,328	5	5	5	0
Pond (no.) 378		6	6	4	9	0	0	0	1
Watering Facility (no.) 614		644	579	352	931	3	3	3	5
Resource Management System (RMS)		System Rating ->			5	5	5	5	
Total Acreage at RMS Level		6,436	6,436	8,495	14,930				
Critical Area Planting (ac.) 342		64	64	85	149	5	0	0	0
Fence (ft.) 382		1,287,108	2,031,056	955,034	2,986,091	3	3	3	0
Grade Stabilization Structure (no.) 410		1	1	2	3	0	0	0	0
Heavy Use Area Protection (ac.) 561		6	6	8	15	0	0	0	2
Pasture & Hayland Planting (ac.) 512		644	804	689	1,493	5	5	5	0
Pest Management (ac.) 595		644	644	849	1,493	3	3	3	0
Pipeline (ft.) 516		193,066	193,066	254,847	447,914	3	3	3	5
Pond (no.) 378		1	2	1	3	0	0	0	1
Prescribed Grazing (ac.) 528		6,436	6,436	8,495	14,930	5	5	5	0
Pumping Plant (no.) 533		0	0	0	0	0	0	0	2
Stream Crossing 578		129	129	170	299	2	2	2	1
Use Exclusion (ac.) 472		64	64	85	149	3	0	2	1
Water Well (no.) 642		0	0	0	0	3	3	3	5
Watering Facility (no.) 614		515	579	615	1,194	3	3	3	5

