

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Ottertail"/>	Watershed Code	<input type="text" value="09020103"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Pasture"/>	Landuse Acres	<input type="text" value="205,804"/>	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="7%"/>	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	94%	193,456	Baseline	95%	183,783	Baseline	89%	183,783	183,783	0
			Progressive	4%	7,738					
			RMS	1%	1,935					
<i>Must Total 100%</i>			<i>100%</i>							
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	5%	10,290	Progressive	50%	5,145	Progressive	6%	12,883	5,145	7,738
			RMS	50%	5,145					
<i>Must Total 100%</i>			<i>100%</i>							
Current Conditions			0			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	1%	2,058	RMS	100%	2,058	RMS	4%	9,138	2,058	7,080
Grand Totals	100%	205,804					100%	205,804	190,986	14,818

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
382	x 5,280	x 1,320	x 3,960	FEET per TU	Fence (ft.) 382
391	25.0%	x 2.0%	x 8.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391
472	25.0%	25.0%	x 17.0%	PERCENT of TU	Use Exclusion (ac.) 472
512	10.0%	x 10.0%	x 50.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516	1,000	x 10	x 1,000	FEET per TU	Pipeline (ft.) 516
528	100.0%	x 10.0%	x 100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
533	1	x 0.1	x 1	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 5	FEET per TU	Stream Crossing 578
590	100.0%	10.0%	x 50.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	100.0%	8.0%	x 7.0%	PERCENT of TU	Pest Management (ac.) 595
614	1	x 0.1	x 2	NUMBER per TU	Watering Facility (no.) 614
642	1	x 0.1	x 1	NUMBER per TU	Water Well (no.) 642
645	100.0%	10.0%	x 100.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
378	1	0.5	0.5	NUMBER per TU	Pond (no.) 378
511	100.0%	100.0%	20.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
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
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
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		OTTERTAIL - 09020103			LANDUSE ACRES		205,804		
LANDUSE TYPE		PASTURE			TYPICAL UNIT SIZE ACRES		40		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		7%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Water Quality – Excessive Nutrients and Organics in	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		193,456	183,783	0	183,783				
Fence (ft.) 382	25,536,160	24,259,352	0	24,259,352	1	1	1	0	
Progressive System		System Rating ->			3	5	4	5	
Total Acreage at Progressive Level		10,290	5,145	7,738	12,883				
Fence (ft.) 382	339,577	425,150	0	425,150	1	1	1	0	
Pasture & Hayland Planting (ac.) 512	1,029	515	774	1,288	2	5	5	0	
Pipeline (ft.) 516	2,573	1,286	1,935	3,221	0	0	0	5	
Prescribed Grazing (ac.) 528	1,029	515	774	1,288	3	5	5	0	
Pumping Plant (no.) 533	26	13	19	32	0	0	0	5	
Riparian Forest Buffer (ac.) 391	206	103	155	258	2	4	1	0	
Water Well (no.) 642	26	13	19	32	0	0	0	5	
Watering Facility (no.) 614	26	13	19	32	4	1	0	5	
Resource Management System (RMS)		System Rating ->			5	5	5	5	
Total Acreage at RMS Level		2,058	2,058	7,080	9,138				
Fence (ft.) 382	203,746	565,055	339,577	904,632	1	1	1	0	
Heavy Use Area Protection (ac.) 561	2	2	7	9	3	0	3	0	
Nutrient Management (ac.) 590	1,029	1,029	3,540	4,569	5	5	1	1	
Pasture & Hayland Planting (ac.) 512	1,029	1,544	3,025	4,569	2	5	5	0	
Pest Management (ac.) 595	144	144	496	640	0	3	3	0	
Pipeline (ft.) 516	51,451	52,737	175,705	228,442	0	0	0	5	
Prescribed Grazing (ac.) 528	2,058	2,573	6,565	9,138	3	5	5	0	
Pumping Plant (no.) 533	51	64	164	228	0	0	0	5	
Riparian Forest Buffer (ac.) 391	165	268	463	731	2	4	1	0	
Stream Crossing 578	257	257	885	1,142	3	0	0	0	
Upland Wildlife Habitat Management (ac.) 645	2,058	2,058	7,080	9,138	0	4	1	0	
Use Exclusion (ac.) 472	350	350	1,204	1,553	5	3	2	1	
Water Well (no.) 642	51	64	164	228	0	0	0	5	
Watering Facility (no.) 614	103	116	341	457	4	1	0	5	

WATERSHED NAME & CODE		OTTERTAIL - 09020103						LANDUSE ACRES			205,804	
LANDUSE TYPE		PASTURE						TYPICAL UNIT SIZE ACRES			40	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			7%		
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		7,738										
Fence (ft.) 382	0	X										
Pasture & Hayland Planting (ac.) 512	774	X	X			X						
Pipeline (ft.) 516	1,935	X										
Prescribed Grazing (ac.) 528	774	X										
Pumping Plant (no.) 533	19	X										
Riparian Forest Buffer (ac.) 391	155	X			X							
Water Well (no.) 642	19	X			X	X						
Watering Facility (no.) 614	19	X	X			X	X					
Resource Management System (RMS) Acres Treated		7,080										
Fence (ft.) 382	339,577	X										
Heavy Use Area Protection (ac.) 561	7	X	X			X						
Nutrient Management (ac.) 590	3,540	X	X			X	X					
Pasture & Hayland Planting (ac.) 512	3,025	X	X			X						
Pest Management (ac.) 595	496	X	X	X								
Pipeline (ft.) 516	175,705	X										
Prescribed Grazing (ac.) 528	6,565	X										
Pumping Plant (no.) 533	164	X										
Riparian Forest Buffer (ac.) 391	463	X			X							
Stream Crossing 578	885	X	X				X					
Upland Wildlife Habitat Management (ac.) 645	7,080	X	X	X	X							
Use Exclusion (ac.) 472	1,204	X	X				X					
Water Well (no.) 642	164	X		X	X							
Watering Facility (no.) 614	341	X	X		X	X						

