

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Buffalo Whitewater"/>	Watershed Code	<input type="text" value="0704003"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Forest"/>	Landuse Acres	<input type="text" value="284,300"/>	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	<input type="text" value=""/>	COMPARE	<input type="text" value="9%"/>	Calculated Participation Rate
	<i>(Based on Watershed Profile)</i>				<i>(Based on Projected Future Conditions)</i>
					<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	90%	255,870	Baseline	90%	230,283	Baseline	81%	230,283	230,283	0
			Progressive	9%	23,028					
			RMS	1%	2,559					

Must Total 100% 100%

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	7%	19,901	Progressive	99%	19,702	Progressive	15%	42,730	19,702	23,028
			RMS	1%	199					

Must Total 100% 100%

Current Conditions			0			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	3%	8,529	RMS	100%	8,529	RMS	4%	11,287	8,529	2,758

Grand Totals	100%	284,300					100%	284,300	258,514	25,786
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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)



Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name
391	25.0%	25.0%	x 0.4%	PERCENT of TU	Riparian Forest Buffer (ac.) 391
410	1	0.1	x 0.10	NUMBER per TU	Grade Stabilization Structure (no.) 410
472	25.0%	x 10.0%	x 100.0%	PERCENT of TU	Use Exclusion (ac.) 472
490	10.0%	10.0%	x 2.0%	PERCENT of TU	Forest Site Preparation (ac.) 490
595	100.0%	x 0.5%	x 5.0%	PERCENT of TU	Pest Management (ac.) 595
612	10.0%	x 1.0%	x 4.0%	PERCENT of TU	Tree/Shrub Establishment (ac.) 612
645	x 10.0%	x 30.0%	x 100.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
655	5.0%	5.0%	x 0.5%	PERCENT of TU	Forest Trails & Landings (ac.) 655
666	10.0%	x 30.0%	x 100.0%	PERCENT of TU	Forest Stand Improvement (ac.) 666
342	5.0%	5.0%	0.010%	PERCENT of TU	Critical Area Planting (ac.) 342
362	500	1	2	FEET per TU	Diversion (ft.) 362
560	500	500	500	FEET per TU	Access Road (ft.) 560
643	100.0%	100.0%	100.0%	PERCENT of TU	Restoration and Management of Declining Habitats (ac.) 643
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
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
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
329B	100.0%	40.0%	92.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 329B
484	100.0%	100.0%	100.0%	PERCENT of TU	Mulching (ac.) 484
620	50	50	50	FEET per TU	Underground Outlet (ft.) 620



WATERSHED NAME & CODE		BUFFALO WHITEWATER - 0704003			LANDUSE ACRES		284,300		
LANDUSE TYPE		FOREST			TYPICAL UNIT SIZE ACRES		40		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		9%		
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 – Habitat Fragmentation
Baseline System		System Rating ->			0	2	2	2	
Total Acreage at Baseline Level		255,870	230,283	0	230,283				
Upland Wildlife Habitat Management (ac.) 645		25,587	23,028	0	23,028	0	4	4	
Progressive System		System Rating ->			1	5	4	3	
Total Acreage at Progressive Level		19,901	19,702	23,028	42,730				
Forest Stand Improvement (ac.) 666		5,970	5,911	6,908	12,819	0	5	3	
Pest Management (ac.) 595		100	99	115	214	0	3	5	
Tree/Shrub Establishment (ac.) 612		199	197	230	427	0	4	3	
Upland Wildlife Habitat Management (ac.) 645		5,970	8,213	4,606	12,819	0	4	4	
Use Exclusion (ac.) 472		1,990	1,970	2,303	4,273	2	4	3	
Resource Management System (RMS)		System Rating ->			2	5	5	4	
Total Acreage at RMS Level		8,529	8,529	2,758	11,287				
Forest Site Preparation (ac.) 490		171	171	55	226	0	5	5	
Forest Stand Improvement (ac.) 666		8,529	8,589	2,698	11,287	0	5	3	
Forest Trails & Landings (ac.) 655		43	43	14	56	0	0	0	
Grade Stabilization Structure (no.) 410		21	21	7	28	4	0	0	
Pest Management (ac.) 595		426	427	137	564	0	3	5	
Riparian Forest Buffer (ac.) 391		34	34	11	45	0	4	0	
Tree/Shrub Establishment (ac.) 612		341	343	108	451	0	4	3	
Upland Wildlife Habitat Management (ac.) 645		8,529	8,845	2,442	11,287	0	4	4	
Use Exclusion (ac.) 472		8,529	8,549	2,738	11,287	2	4	3	

