

Mud - 10160005

Projected Conservation Program Participation & Costs*

Land Uses	Participation Rate	Installation Costs			
		Acres Treated	Federal		Private
			Total	Cost Share	
Cropland	10%	24,968	\$141,561	\$70,965	\$141,561
Grazingland	10%	4,005	\$36,540	\$10,506	\$36,540
Hayland	--	0	\$0	\$0	\$0
HQ	12%	630	\$145,181	\$29,246	\$145,181
Wildlife/CRP	10%	1,786	\$22,888	\$5,265	\$22,888

*Estimate of federal and private investments in conservation activities over the next 5 year period. Assumes that past program participation and funding levels will continue over this period.

Resource Assessment by Landuse

Cropland

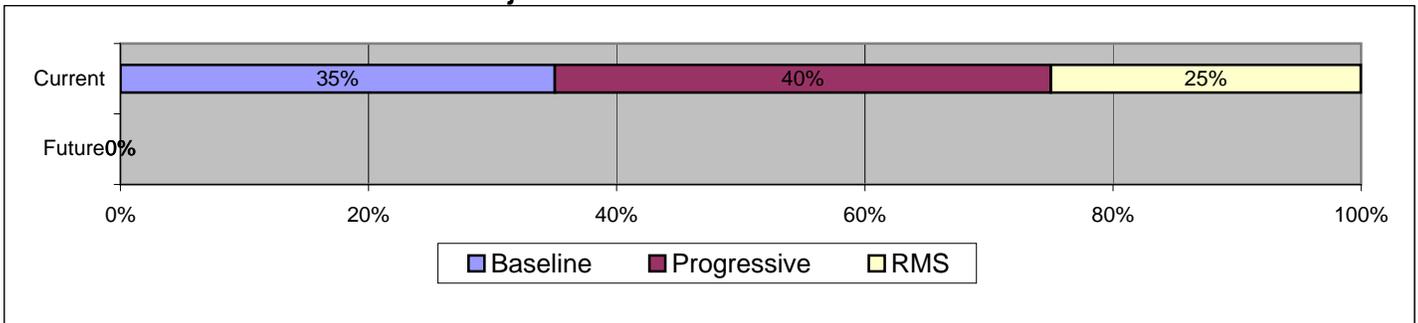
Resource Concerns:

- Soil Erosion – Sheet and Rill
- Soil Erosion – Wind
- Soil Erosion – Ephemeral Gully
- Water Quality – Excessive Nutrients and Organics in Surface Water

Conservation Practices Evaluated:

- ; Conservation Crop Rotation; Grassed Waterway; Irrigation System, Sprinkler; Irrigation Water Management; Nutrient Management; Pest Management; Residue and Tillage Management, Mulch Till; Residue Management, No-Till/Strip Till/Direct Seed; Residue Management, Seasonal; Terrace; Underground Outlet.

Short-term Projected Resource Conservation Treatment Levels



Rangeland/ Pastureland

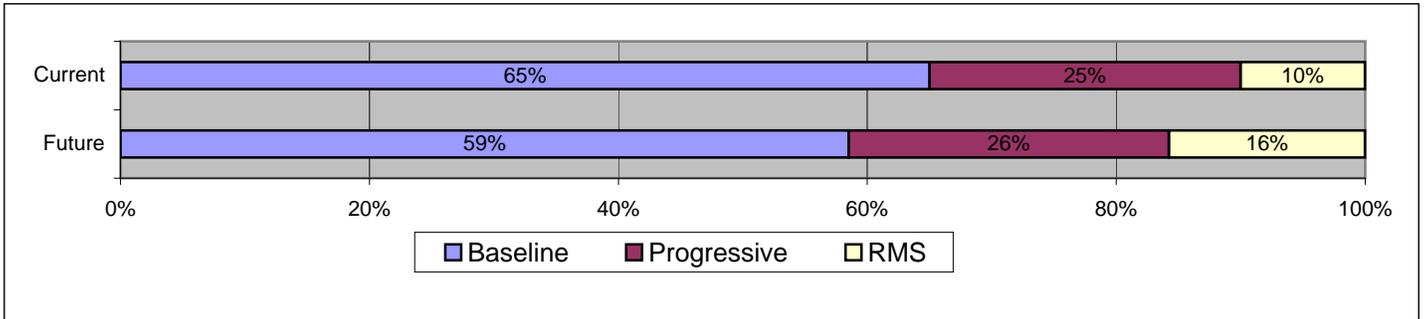
Resource Concerns:

- Soil Erosion – Sheet and Rill
- Plant Condition – Noxious and Invasive Plants
- Domestic Animals – Inadequate Quantities and Quality of Feed and Forage
- Domestic Animals – Inadequate Stock Water

Conservation Practices Evaluated:

- Fence; Pasture & Hayland Planting; Pest Management; Pipeline; Pond; Prescribed Grazing; Pumping Plant; Range Planting; Stream Crossing; Water Well; Watering Facility.

Short-term Projected Resource Conservation Treatment Levels



Hayland

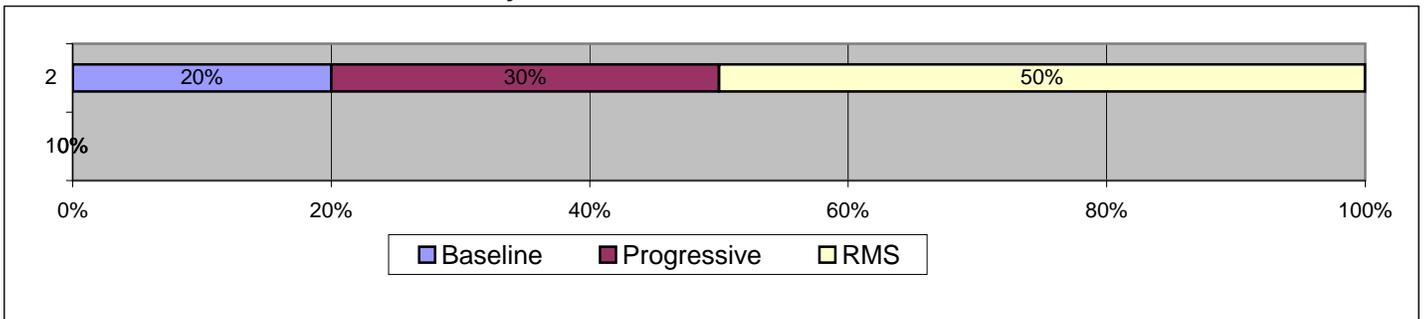
Resource Concerns:

- Soil Erosion – Sheet and Rill
- Plant Condition – Productivity, Health and Vigor
- Plant Condition – Noxious and Invasive Plants
- Plant Condition – Forage Quality and Palatability

Conservation Practices Evaluated:

- Forage Harvest Management; Nutrient Management; Pasture & Hayland Planting; Pest Management.

Short-term Projected Resource Conservation Treatment Levels



Headquarters

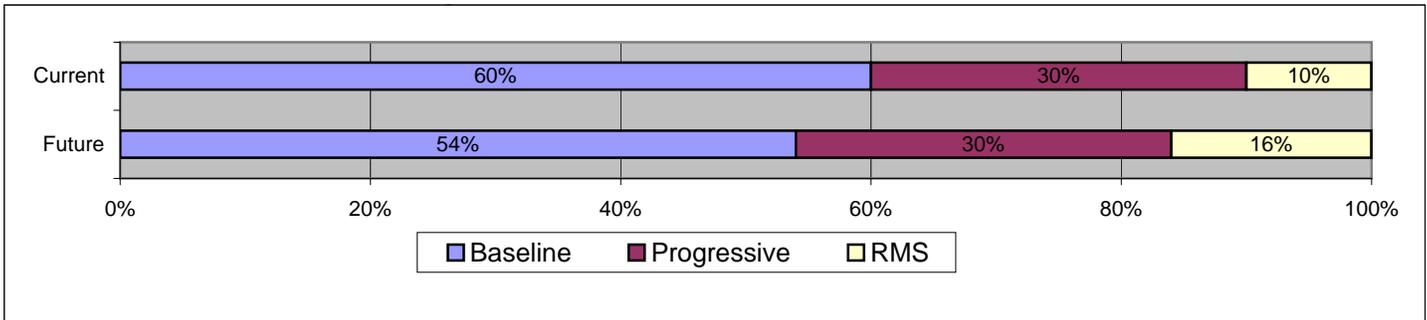
Resource Concerns:

- Water Quality – Excessive Nutrients and Organics in Groundwater
- Water Quality – Excessive Nutrients and Organics in Surface Water
- Water Quality – Excessive Suspended Sediment and Turbidity in Surface Water
- Air Quality – Objectionable Odors

Conservation Practices Evaluated:

Critical Area Planting; Diversion; Heavy Use Area Protection; Mulching.

Short-term Projected Resource Conservation Treatment Levels



Wildlife/ CRP

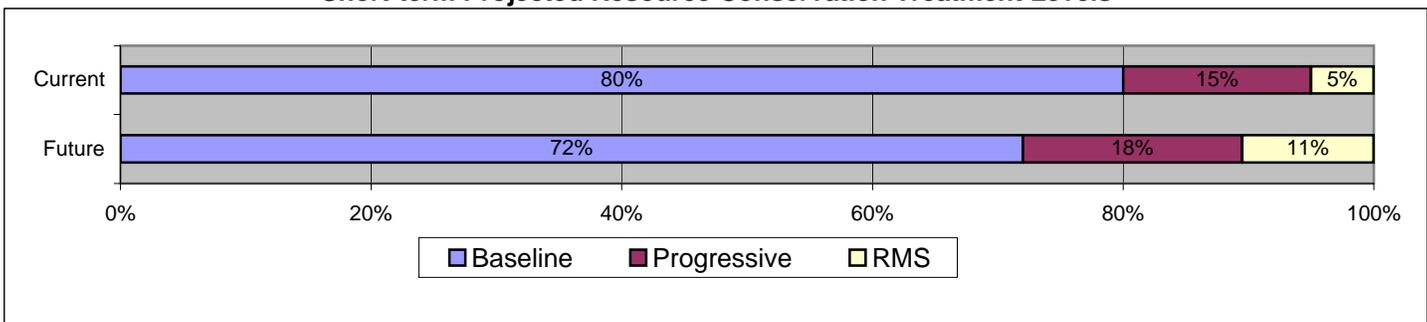
Resource Concerns:

- Plant Condition – Noxious and Invasive Plants
- Fish and Wildlife – Inadequate Cover/Shelter
- Fish and Wildlife – Habitat Fragmentation
- Fish and Wildlife – T & E Fish/Wildlife Species: Listed or Proposed under ESA

Conservation Practices Evaluated:

Conservation Cover; Mulching; Pest Management; Restoration and Management of Declining Habitats; Riparian Forest Buffer; Riparian Herbaceous Cover; Upland Wildlife Habitat Management; Use Exclusion; Wetland Creation; Wetland Enhancement; Wetland Restoration; Wetland Wildlife Habitat Management; Windbreak/Shelterbreak Establishment.

Short-term Projected Resource Conservation Treatment Levels



Enter Watershed Variables Below

Watershed Name	<input type="text" value="Mud"/>	Watershed Code	<input type="text" value="10160005"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Cropland"/>	Landuse Acres	<input type="text" value="332,900"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="100"/>	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 <i>(Based on Watershed Profile)</i>	<input type="text" value="12%"/>	COMPARE	<input type="text" value="12%"/>	Calculated Participation Rate <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	35%	116,515	Baseline	85%	99,038	Baseline	30%	99,038	99,038	0
			Progressive	10%	11,652					
			RMS	5%	5,826					
				<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	40%	133,160	Progressive	90%	119,844	Progressive	40%	131,496	119,844	11,652
			RMS	10%	13,316					
				<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
RMS	25%	83,225	RMS	100%	83,225	RMS	31%	102,367	83,225	19,142
Grand Totals	100%	332,900					100%	332,900	302,107	30,793

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	Help
328	0.0%	x 50.0%	x 100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328	
329	0.0%	0.0%	x 60.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329	
342	0.0%	0.0%	x 0.2%	PERCENT of TU	Critical Area Planting (ac.) 342	
344	x 95.0%	x 50.0%	0.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344	
345	0.0%	x 2.0%	x 5.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 345	
393	0.0%	0.0%	x 0.2%	PERCENT of TU	Filter Strip (ac.) 393	
590	0.0%	x 5.0%	x 20.0%	PERCENT of TU	Nutrient Management (ac.) 590	
595	0.0%	x 50.0%	x 100.0%	PERCENT of TU	Pest Management (ac.) 595	
610	0.0%	x 1.5%	x 3.0%	PERCENT of TU	Salinity and Sodic Soil Management (ac.) 610	
644	0.0%	0.0%	x 0.6%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644	
645	0.0%	0.0%	x 8.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645	
412	0.0%	0.2%	0.5%	PERCENT of TU	Grassed Waterway (ac.) 412	
390	0.0%	0.0%	0.1%	PERCENT of TU	Riparian Herbaceous Cover (ac.) 390	
391	0.0%	0.0%	0.2%	PERCENT of TU	Riparian Forest Buffer (ac.) 391	
442	0.0%	0.0%	2.0%	PERCENT of TU	Irrigation System, Sprinkler (ac.) 442	
449	0.0%	0.0%	7.0%	PERCENT of TU	Irrigation Water Management (ac.) 449	
600	0	0	5	FEET per TU	Terrace (ft.) 600	
620	0	0	1	FEET per TU	Underground Outlet (ft.) 620	
585	0.0%	5.0%	10.0%	PERCENT of TU	Stripcropping (ac.) 585	
633	0.0%	0.0%	0.0%	PERCENT of TU	Waste Utilization (ac.) 633	
378	1	0	0	NUMBER per TU	Pond (no.) 378	
382	1,000	2,500	7,500	FEET per TU	Fence (ft.) 382	
512	0.0%	10.0%	0.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512	
516	0	5,000	10,000	FEET per TU	Pipeline (ft.) 516	
528	25.0%	50.0%	100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528	
533	0	1	1	NUMBER per TU	Pumping Plant (no.) 533	
550	0.0%	0.0%	10.0%	PERCENT of TU	Range Planting (ac.) 550	
574	1	1	1	NUMBER per TU	Spring Development (no.) 574	
614	1	3	5	NUMBER per TU	Watering Facility (no.) 614	

WATERSHED NAME & CODE		MUD - 10160005			LANDUSE ACRES		332,900	
LANDUSE TYPE		CROPLAND			TYPICAL UNIT SIZE ACRES		100	
ASSESSMENT INFORMATION					CALCULATED PARTICIPATION		12%	
Conservation Systems by Treatment Level	Benchmark Conditions	Future Conditions			RESOURCE CONCERNS			
	Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Sheet and Rill	Soil Erosion – Wind	Soil Erosion – Ephemeral Gully	Water Quality – Excessive Nutrients and Organics in Surface Water
Baseline	System Rating ->				0	1	1	0
Residue Management, Seasonal (ac.) 344	110,689	94,086	0	94,086	0	2	2	1
Total Acreage at Baseline	116,515	99,038	0	99,038				
Progressive	System Rating ->				3	4	4	5
Conservation Crop Rotation (ac.) 328	66,580	59,922	5,826	65,748	3	3	3	2
Nutrient Management (ac.) 590	6,658	5,992	583	6,575	0	0	0	5
Pest Management (ac.) 595	66,580	59,922	5,826	65,748	1	1	1	5
Residue and Tillage Management, Mulch Till (ac.) 345	2,663	2,397	233	2,630	4	4	4	2
Residue Management, Seasonal (ac.) 344	66,580	65,748	0	65,748	0	2	2	1
Salinity and Sodic Soil Management (ac.) 610	1,997	1,798	175	1,972	4	4	4	2
Total Acreage at Progressive Level	133,160	119,844	11,652	131,496				
RMS	System Rating ->				5	5	5	5
Conservation Crop Rotation (ac.) 328	83,225	89,883	12,484	102,367	3	3	3	2
Critical Area Planting (ac.) 342	166	166	38	205	5	5	5	3
Filter Strip (ac.) 393	166	166	38	205	0	0	0	5
Nutrient Management (ac.) 590	16,645	17,311	3,163	20,473	0	0	0	5
Pest Management (ac.) 595	83,225	89,883	12,484	102,367	1	1	1	5
Residue and Tillage Management, Mulch Till (ac.) 345	4,161	4,428	691	5,118	4	4	4	2
Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329	49,935	49,935	11,485	61,420	5	5	4	4
Salinity and Sodic Soil Management (ac.) 610	2,497	2,696	375	3,071	4	4	4	2
Upland Wildlife Habitat Management (ac.) 645	6,658	6,658	1,531	8,189	3	3	3	3
Wetland Wildlife Habitat Management (ac.) 644	499	499	115	614	0	0	0	2
Total Acreage at RMS Level	83,225	83,225	19,142	102,367				

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Mud"/>	Watershed Code	<input type="text" value="10160005"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Rangeland and Pasture"/>	Landuse Acres	<input type="text" value="44,500"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="100"/>	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>	<input type="text" value="18%"/>	COMPARE	<input type="text" value="17%"/>	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	65%	28,925	Baseline	80%	23,140	Baseline	52%	23,140	23,140	0
			Progressive	10%	2,893					
			RMS	10%	2,893					

Must Total 100% 100%

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	25%	11,125	Progressive	90%	10,013	Progressive	29%	12,905	10,013	2,893
			RMS	10%	1,113					

Must Total 100% 100%

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	10%	4,450	RMS	100%	4,450	RMS	19%	8,455	4,450	4,005

Grand Totals	100%	44,500					100%	44,500	37,603	6,898
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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
314	0.0%	x 2.0%	x 4.0%	PERCENT of TU	Brush Management (ac.) 314
378	x 1	x 1	x 1	NUMBER per TU	Pond (no.) 378
382	x 200	x 400	x 700	FEET per TU	Fence (ft.) 382
472	0.0%	0.0%	x 35.0%	PERCENT of TU	Use Exclusion (ac.) 472
516	0	x 140	x 180	FEET per TU	Pipeline (ft.) 516
528	0.0%	0.0%	x 100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
590	0.0%	0.0%	x 25.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	0.0%	0.0%	x 25.0%	PERCENT of TU	Pest Management (ac.) 595
614	0	x 0.1	x 0.2	NUMBER per TU	Watering Facility (no.) 614
512	1.0%	1.3%	1.5%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
533	0	0	0	NUMBER per TU	Pumping Plant (no.) 533
550	0.0%	0.0%	0.5%	PERCENT of TU	Range Planting (ac.) 550
578	0	1	2	FEET per TU	Stream Crossing 578
642	0	0	0	NUMBER per TU	Water Well (no.) 642
574	0	0	0	NUMBER per TU	Spring Development (no.) 574
511	0.0%	0.0%	0.1%	PERCENT of TU	Forage Harvest Management (ac.) 511
548	0.0%	0.0%	10.0%	PERCENT of TU	Grazing Land Mechanical Treatment (ac.) 548
410	0	0	1	NUMBER per TU	Grade Stabilization Structure (no.) 410
561	0.0%	0.0%	5.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
575	5.0%	5.0%	5.0%	PERCENT of TU	Animal Trails and Walkways (ac.) 575
328	100.0%	100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
353	1	1	1	NUMBER per TU	Monitoring Well (no.) 353
412	5.0%	5.0%	5.0%	PERCENT of TU	Grassed Waterway (ac.) 412
442	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation System, Sprinkler (ac.) 442
560	500	500	500	FEET per TU	Access Road (ft.) 560
702	1	1	1	NUMBER per TU	Agrichemical Handling Facility (no.) 702
311	30.0%	30.0%	30.0%	PERCENT of TU	Alley Cropping (ac.) 311
591	1	1	1	NUMBER per TU	Amendments for the Treatment of Agricultural Waste (no.) 591
365	1	1	1	NUMBER per TU	Anaerobic Digester, Ambient Temperature (no.) 365
366	1	1	1	NUMBER per TU	Anaerobic Digester, Controlled Temperature (no.) 366



WATERSHED NAME & CODE		MUD - 10160005			LANDUSE ACRES		44,500	
LANDUSE TYPE		RANGELAND AND PASTURE			TYPICAL UNIT SIZE ACRES		100	
ASSESSMENT INFORMATION					CALCULATED PARTICIPATION		17%	
Conservation Systems by Treatment Level	Benchmark Conditions	Future Conditions			RESOURCE CONCERNS			
	Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Sheet and Rill	Plant Condition – Noxious and Invasive Plants	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage	Domestic Animals – Inadequate Stock Water
Baseline	System Rating ->				0	0	1	3
Fence (ft.) 382	57,850	46,280	0	46,280	0	0	3	0
Pond (no.) 378	246	197	0	197	0	-1	0	5
Total Acreage at Baseline	28,925	23,140	0	23,140				
Progressive	System Rating ->				2	3	3	5
Brush Management (ac.) 314	223	200	58	258	4	5	3	0
Fence (ft.) 382	44,500	45,835	5,785	51,620	0	0	3	0
Pipeline (ft.) 516	15,575	14,018	4,050	18,067	0	0	0	5
Pond (no.) 378	100	115	1	116	0	-1	0	5
Watering Facility (no.) 614	11	10	3	13	1	0	3	5
Total Acreage at Progressive Level	11,125	10,013	2,893	12,905				
RMS	System Rating ->				3	4	5	5
Brush Management (ac.) 314	178	200	138	338	4	5	3	0
Fence (ft.) 382	31,150	41,385	17,800	59,185	0	0	3	0
Nutrient Management (ac.) 590	1,113	1,113	1,001	2,114	0	0	4	2
Pest Management (ac.) 595	1,113	1,113	1,001	2,114	1	5	4	0
Pipeline (ft.) 516	8,010	9,568	5,652	15,219	0	0	0	5
Pond (no.) 378	42	77	3	80	0	-1	0	5
Prescribed Grazing (ac.) 528	4,450	4,450	4,005	8,455	4	4	5	1
Use Exclusion (ac.) 472	1,558	1,558	1,402	2,959	2	4	4	0
Watering Facility (no.) 614	9	10	7	17	1	0	3	5
Total Acreage at RMS Level	4,450	4,450	4,005	8,455				

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Mud"/>	Watershed Code	<input type="text" value="10160005"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Headquarters - Farmstead"/>	Landuse Acres	<input type="text" value="7,000"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="15"/>	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="12%"/>	COMPARE	<input type="text" value="10%"/>	Calculated Participation Rate
	<small>(Based on Watershed Profile)</small>			<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	60%	4,200	Baseline	90%	3,780	Baseline	54%	3,780	3,780	0
			Progressive	5%	210					
			RMS	5%	210					
<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	30%	2,100	Progressive	90%	1,890	Progressive	30%	2,100	1,890	210
			RMS	10%	210					
<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
RMS	10%	700	RMS	100%	700	RMS	16%	1,120	700	420
Grand Totals	100%	7,000					100%	7,000	6,370	630

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
313	0	0	x 0.2	NUMBER per TU	Waste Storage Facility (no.) 313
342	0.0%	x 1.5%	x 3.0%	PERCENT of TU	Critical Area Planting (ac.) 342
350	0	0	x 0	NUMBER per TU	Sediment Basin (no.) 350
356	0	0	x 25	FEET per TU	Dike (ft.) 356
362	0	0	x 22	FEET per TU	Diversion (ft.) 362
380	x 500	x 550	x 700	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380
484	x 1.0%	x 4.0%	x 8.0%	PERCENT of TU	Mulching (ac.) 484
561	0.0%	x 2.0%	x 5.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
633	0.0%	50.0%	50.0%	PERCENT of TU	Waste Utilization (ac.) 633
650	20	35	50	FEET per TU	Windbreak/Shelterbreak Renovation (ft.) 650
317	0	0	0	NUMBER per TU	Composting Facility (no.) 317
590	0.0%	0.0%	15.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	20.0%	40.0%	50.0%	PERCENT of TU	Pest Management (ac.) 595
328	100.0%	100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
329	0.0%	15.0%	30.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329
344	100.0%	40.0%	10.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
345	0.0%	5.0%	10.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 345
412		5.0%	5.0%	PERCENT of TU	Grassed Waterway (ac.) 412
585	0.0%	5.0%	10.0%	PERCENT of TU	Stripcropping (ac.) 585
378	1	0	0	NUMBER per TU	Pond (no.) 378
382	1,000	2,500	7,500	FEET per TU	Fence (ft.) 382
512	0.0%	10.0%	0.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516	0	5,000	10,000	FEET per TU	Pipeline (ft.) 516
528	25.0%	50.0%	100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
533	0	1	1	NUMBER per TU	Pumping Plant (no.) 533
550	0.0%	0.0%	10.0%	PERCENT of TU	Range Planting (ac.) 550
574	1	1	1	NUMBER per TU	Spring Development (no.) 574
614	1	3	5	NUMBER per TU	Watering Facility (no.) 614
642	0	1	1	NUMBER per TU	Water Well (no.) 642
314	10.0%	20.0%	40.0%	PERCENT of TU	Brush Management (ac.) 314



WATERSHED NAME & CODE		MUD - 10160005			LANDUSE ACRES		7,000	
LANDUSE TYPE		HEADQUARTERS - FARMSTEAD			TYPICAL UNIT SIZE ACRES		15	
ASSESSMENT INFORMATION					CALCULATED PARTICIPATION		10%	
Conservation Systems by Treatment Level	Benchmark Conditions	Future Conditions			RESOURCE CONCERNS			
	Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Water Quality – Excessive Nutrients and Organics in Groundwater	Water Quality – Excessive Nutrients and Organics in Surface Water	Water Quality – Excessive Suspended Sediment and Turbidity in Surface Water	Air Quality – Objectionable Odors
Baseline	System Rating ->				1	2	1	1
Dike (ft.) 356	0	0	0	0	0	0	0	0
Mulching (ac.) 484	42	38	0	38	1	4	2	0
Windbreak/Shelterbreak Establishment (ft.) 380	140,000	126,000	0	126,000	2	1	2	2
Total Acreage at Baseline	4,200	3,780	0	3,780				
Progressive	System Rating ->				1	4	2	1
Dike (ft.) 356	0	0	0	0	0	0	0	0
Critical Area Planting (ac.) 342	32	28	3	32	1	3	1	0
Heavy Use Area Protection (ac.) 561	42	38	4	42	1	5	2	1
Mulching (ac.) 484	84	78	6	84	1	4	2	0
Windbreak/Shelterbreak Establishment (ft.) 380	77,000	76,300	700	77,000	2	1	2	2
Total Acreage at Progressive Level	2,100	1,890	210	2,100				
RMS	System Rating ->				3	5	3	0
Critical Area Planting (ac.) 342	21	24	9	34	1	3	1	0
Dike (ft.) 356	1,167	1,167	700	1,867	0	0	0	0
Diversion (ft.) 362	1,027	1,027	616	1,643	0	0	2	0
Heavy Use Area Protection (ac.) 561	35	39	17	56	1	5	2	1
Mulching (ac.) 484	56	67	23	90	1	4	2	0
Sediment Basin (no.) 350	5	5	3	7	4	4	0	0
Waste Storage Facility (no.) 313	9	9	6	15	3	4	0	-2
Windbreak/Shelterbreak Establishment (ft.) 380	32,667	47,367	4,900	52,267	2	1	2	2
Total Acreage at RMS Level	700	700	420	1,120				

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Mud"/>	Watershed Code	<input type="text" value="10160005"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="CRP - Wildlife Land"/>	Landuse Acres	<input type="text" value="18,800"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="20"/>	Percent TA of FA	<input type="text" value="20%"/>	Cost-Share Rate	<input type="text" value="50%"/>
Estimated Time Frame = 5 years	Participation Rate	<input type="text" value="1%"/>	← COMPARE →	<input type="text" value="2%"/>	Calculated Participation Rate
		<small>(Based on Watershed Profile)</small>		<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%	15,040	Baseline	98%	14,739	Baseline	78%	14,739	14,739	0
			Progressive	1%	150					
			RMS	1%	150					
			<small>Must Total 100%</small>		<small>100%</small>					

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	15%	2,820	Progressive	99%	2,792	Progressive	16%	2,942	2,792	150
			RMS	1%	28					

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	5%	940	RMS	100%	940	RMS	6%	1,119	940	179
Grand Totals	100%	18,800					100%	18,800	18,471	329

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
327	x 100.0%	x 100.0%	x 100.0%	PERCENT of TU	Conservation Cover (ac.) 327
380	x 50	x 80	x 160	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380
391	0.0%	0.0%	x 2.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391
472	0.0%	0.0%	x 90.0%	PERCENT of TU	Use Exclusion (ac.) 472
484	x 1.0%	x 2.5%	x 3.0%	PERCENT of TU	Mulching (ac.) 484
595	0.0%	0.0%	x 40.0%	PERCENT of TU	Pest Management (ac.) 595
644	0.0%	x 5.0%	x 25.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
645	0.0%	x 20.0%	x 75.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
657	0.0%	0.0%	x 100.0%	PERCENT of TU	Wetland Restoration (ac.) 657
390	0.0%	0.0%	4.0%	PERCENT of TU	Riparian Herbaceous Cover (ac.) 390
643	0.0%	0.0%	4.0%	PERCENT of TU	Restoration and Management of Declining Habitats (ac.) 643
658	0.0%	0.0%	0.0%	PERCENT of TU	Wetland Creation (ac.) 658
659	0.0%	10.0%	0.1%	PERCENT of TU	Wetland Enhancement (ac.) 659
422	0	0	3	FEET per TU	Hedgerow Planting (ft.) 422
614	0	0	0	NUMBER per TU	Watering Facility (no.) 614
511	0.0%	30.0%	100.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
512	100.0%	100.0%	100.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
590	0.0%	0.0%	1.0%	PERCENT of TU	Nutrient Management (ac.) 590
430	0	15	40	FEET per TU	Irrigation Water Conveyance, Pipeline (ft.) 430
442	0.0%	0.0%	0.1%	PERCENT of TU	Irrigation System, Sprinkler (ac.) 442
449	0.0%	0.0%	10.0%	PERCENT of TU	Irrigation Water Management (ac.) 449
388	300	300	300	FEET per TU	Irrigation Field Ditch (ft.) 388
443	0.0%	0.0%	5.0%	PERCENT of TU	Irrigation System, Surface and Subsurface (ac.) 443
606	0	0	0	FEET per TU	Subsurface Drain (ft.) 606
378	1	0	0	NUMBER per TU	Pond (no.) 378
382	1,000	2,500	7,500	FEET per TU	Fence (ft.) 382
516	0	5,000	10,000	FEET per TU	Pipeline (ft.) 516
528	25.0%	50.0%	100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
533	0	1	1	NUMBER per TU	Pumping Plant (no.) 533
550	0.0%	0.0%	10.0%	PERCENT of TU	Range Planting (ac.) 550



WATERSHED NAME & CODE		MUD - 10160005			LANDUSE ACRES	18,800		
LANDUSE TYPE		CRP - WILDLIFE LAND			TYPICAL UNIT SIZE ACRES	20		
ASSESSMENT INFORMATION					CALCULATED PARTICIPATION	2%		
Conservation Systems by Treatment Level	Benchmark Conditions	Future Conditions			RESOURCE CONCERNS			
	Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Plant Condition – Noxious and Invasive Plants	Fish and Wildlife – Inadequate Cover/Shelter	Fish and Wildlife – Habitat Fragmentation	Fish and Wildlife – T & E Fish/Wildlife Species: Listed or Proposed under ESA
Baseline				System Rating ->	4	4	3	0
Conservation Cover (ac.) 327	15,040	14,739	0	14,739	5	5	5	0
Mulching (ac.) 484	150	147	0	147	3	0	0	0
Windbreak/Shelterbreak Establishment (ft.) 380	37,600	36,848	0	36,848	0	3	0	0
Total Acreage at Baseline	15,040	14,739	0	1				
Progressive				System Rating ->	4	5	5	4
Conservation Cover (ac.) 327	2,820	2,942	0	2,942	5	5	5	0
Mulching (ac.) 484	71	71	2	74	3	0	0	0
Upland Wildlife Habitat Management (ac.) 645	564	558	30	588	0	5	5	5
Wetland Wildlife Habitat Management (ac.) 644	141	140	8	147	1	5	5	5
Windbreak/Shelterbreak Establishment (ft.) 380	11,280	11,543	226	11,769	0	3	0	0
Total Acreage at Progressive Level	2,820	2,792	150	2,942				
RMS				System Rating ->	5	5	5	5
Conservation Cover (ac.) 327	940	1,119	0	1,119	5	5	5	0
Mulching (ac.) 484	28	30	3	34	3	0	0	0
Pest Management (ac.) 595	376	376	71	447	5	0	0	0
Riparian Forest Buffer (ac.) 391	19	19	4	22	4	3	3	2
Upland Wildlife Habitat Management (ac.) 645	705	711	128	839	0	5	5	5
Use Exclusion (ac.) 472	846	846	161	1,007	4	3	3	0
Wetland Restoration (ac.) 657	940	940	179	1,119	-1	4	4	4
Wetland Wildlife Habitat Management (ac.) 644	235	236	43	280	1	5	5	5
Windbreak/Shelterbreak Establishment (ft.) 380	7,520	8,009	940	8,949	0	3	0	0
Total Acreage at RMS Level	940	940	179	1,119				

WATERSHED NAME & CODE		MUD - 10160005				LANDUSE ACRES			18,800	
LANDUSE TYPE		CRP - WILDLIFE LAND				TYPICAL UNIT SIZE ACRES			20	
POSSIBLE SOURCES OF FUNDING						CALCULATED PARTICIPATION			2%	
Conservation Systems by Treatment Level		FUTURE	FARM BILL				OTHERS			NOTES/COMMENTS
		New Treatment Units	CTA	EQIP	WRP	WHIP	Fed	State	Local	
Progressive										
Conservation Cover (ac.) 327	0	X								
Mulching (ac.) 484	2	X	X		X					
Upland Wildlife Habitat Management (ac.) 645	30	X	X		X					
Wetland Wildlife Habitat Management (ac.) 644	8	X	X		X					
Windbreak/Shelterbreak Establishment (ft.) 380	226	X	X		X					
New Treatment Acreage	150									
RMS										
Conservation Cover (ac.) 327	0	X								
Mulching (ac.) 484	3	X	X		X					
Pest Management (ac.) 595	71	X	X	X	X					
Riparian Forest Buffer (ac.) 391	4	X	X		X					
Upland Wildlife Habitat Management (ac.) 645	128	X	X		X					
Use Exclusion (ac.) 472	161	X								
Wetland Restoration (ac.) 657	179	X	X		X					
Wetland Wildlife Habitat Management (ac.) 644	43	X	X		X					
Windbreak/Shelterbreak Establishment (ft.) 380	940	X	X		X					
New Treatment Acreage	179									

