

Lower James - 10160011

Projected Conservation Program Participation & Costs*

Land Uses	Participation Rate	Acres Treated	Installation Costs		
			Federal		Private
			Cost Share	Technical Assistance	
Cropland	15%	147,038	\$485,330	\$447,829	\$485,330
Grazingland	12%	74,173	\$961,257	\$238,100	\$961,257
Hayland	5%	2,322	\$12,191	\$5,921	\$12,191
HQ	7%	3,714	\$2,461,982	\$492,396	\$2,461,982
Wildlife/CRP	10%	5,296	\$788,572	\$160,349	\$788,572

*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

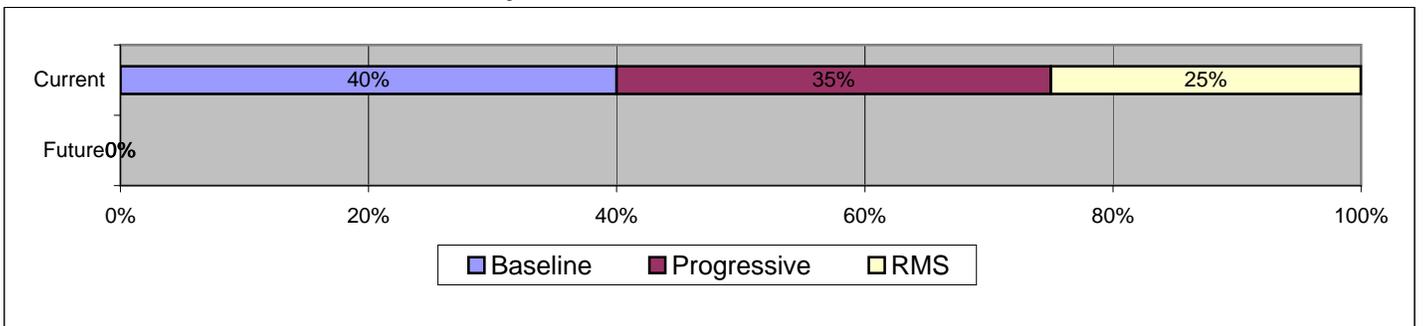
Resource Concerns:

- 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 Cover; Conservation Crop Rotation; Cover Crop; Critical Area Planting; Filter Strip; 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; Salinity and Sodic Soil Management; Upland Wildlife Habitat Management; Wetland

Short-term Projected Resource Conservation Treatment Levels



Rangeland/ Pastureland

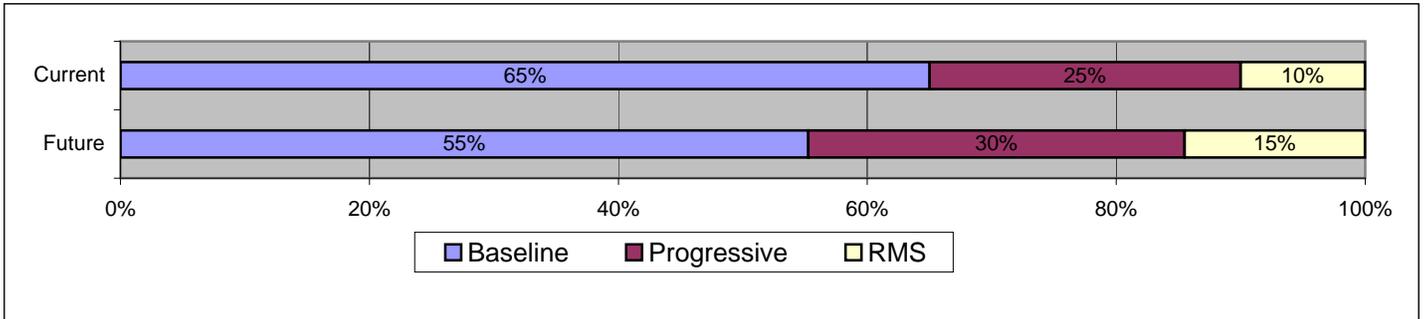
Resource Concerns:

- 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; Grazing Land Mechanical Treatment; Nutrient Management; Pasture & Hayland Planting; Pest Management; Pipeline; Pond; Prescribed Grazing; Pumping Plant; Range Planting; Use Exclusion; Water Well; Watering Facility.

Short-term Projected Resource Conservation Treatment Levels



Hayland

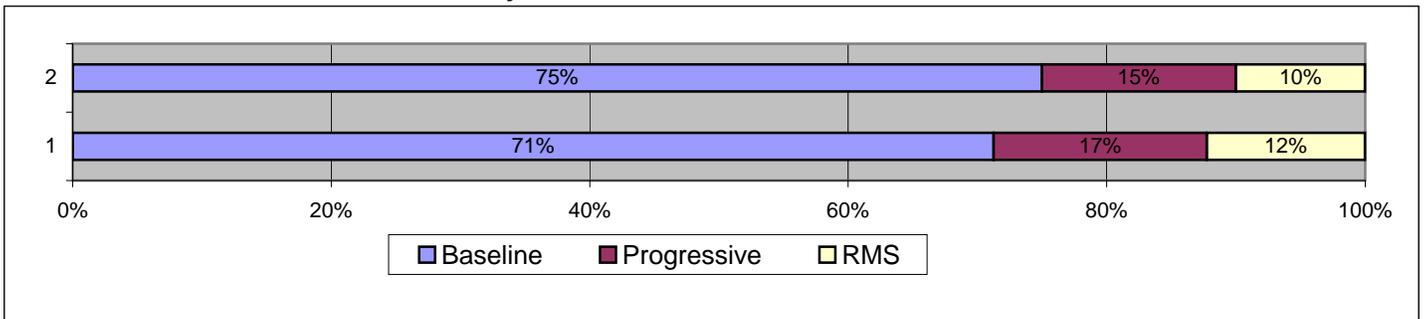
Resource Concerns:

- 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

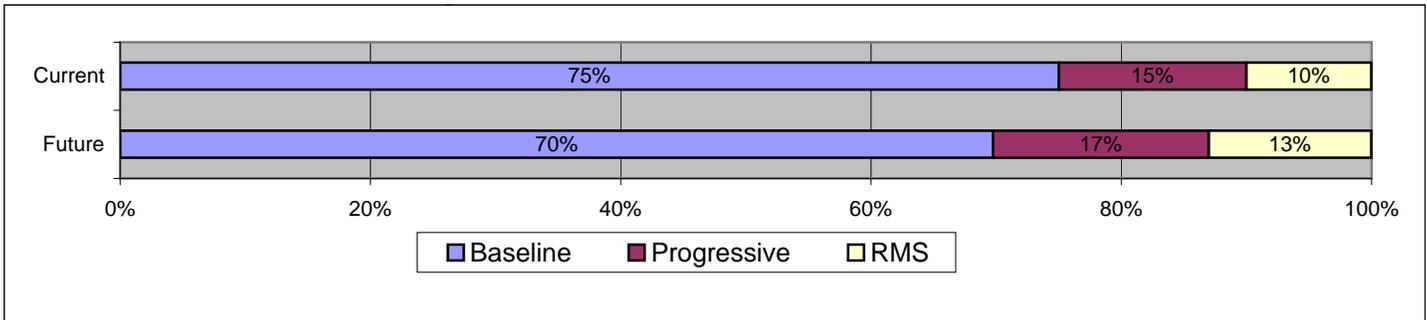
Resource Concerns:

- 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

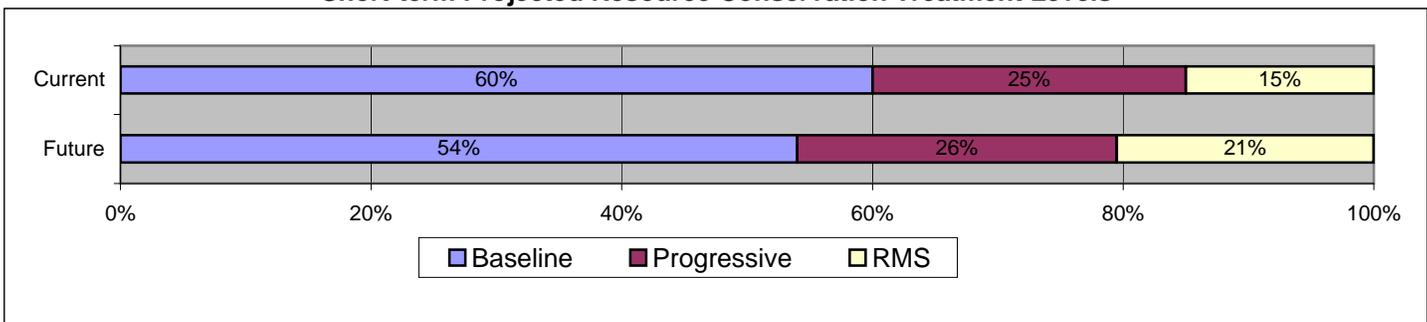
Resource Concerns:

- 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; Filter Strip; Mulching; Pest Management; Restoration and Management of Declining Habitats; Riparian Forest Buffer; Riparian Herbaceous Cover; Upland Wildlife Habitat Management; Use Exclusion; 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="Lower James"/>	Watershed Code	<input type="text" value="10160011"/>	<input type="button" value="Help"/>
Landuse Type	<input type="text" value="Cropland"/>	Landuse Acres	<input type="text" value="1,307,000"/>	Interest Rate <input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="80"/>	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="14%"/>	COMPARE	<input type="text" value="15%"/>	Calculated Participation Rate <input type="text" value=""/>
	<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	40%	522,800	Baseline	85%	444,380	Baseline	34%	444,380	444,380	0
			Progressive	10%	52,280					
			RMS	5%	26,140					
				<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	35%	457,450	Progressive	85%	388,833	Progressive	34%	441,113	388,833	52,280
			RMS	15%	68,618					
				<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%	326,750	RMS	100%	326,750	RMS	32%	421,508	326,750	94,758
Grand Totals	100%	1,307,000					100%	1,307,000	1,159,963	147,038

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
327	x 1.0%	x 5.0%	x 10.0%	PERCENT of TU	Conservation Cover (ac.) 327	
328	x 10.0%	x 50.0%	x 100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328	
329	0.0%	0.0%	x 10.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329	
340	0.0%	0.0%	x 6.0%	PERCENT of TU	Cover Crop (ac.) 340	
342	0.0%	0.0%	x 0.1%	PERCENT of TU	Critical Area Planting (ac.) 342	
344	x 50.0%	x 75.0%	0.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344	
345	0.0%	x 20.0%	x 40.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 345	
393	0.0%	x 2.5%	x 5.0%	PERCENT of TU	Filter Strip (ac.) 393	
412	0.0%	x 0.0%	x 0.0%	PERCENT of TU	Grassed Waterway (ac.) 412	
442	0.0%	0.0%	x 0.3%	PERCENT of TU	Irrigation System, Sprinkler (ac.) 442	
449	0.0%	0.0%	x 0.1%	PERCENT of TU	Irrigation Water Management (ac.) 449	
590	0.0%	0.0%	x 40.0%	PERCENT of TU	Nutrient Management (ac.) 590	
595	0.0%	0.0%	x 75.0%	PERCENT of TU	Pest Management (ac.) 595	
610	0.0%	0.0%	x 0.3%	PERCENT of TU	Salinity and Sodic Soil Management (ac.) 610	
644	0.0%	0.0%	x 3.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644	
645	0.0%	0.0%	x 20.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645	
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	
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	

WATERSHED NAME & CODE		LOWER JAMES - 10160011			LANDUSE ACRES		1,307,000	
LANDUSE TYPE		CROPLAND			TYPICAL UNIT SIZE ACRES		80	
ASSESSMENT INFORMATION					CALCULATED PARTICIPATION		15%	
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 ->	4	4	4	2
Conservation Cover (ac.) 327	5,228	4,444	0	4,444	5	5	5	3
Conservation Crop Rotation (ac.) 328	52,280	44,438	0	44,438	3	3	3	2
Residue Management, Seasonal (ac.) 344	261,400	222,190	0	222,190	0	2	2	1
Total Acreage at Baseline	522,800	444,380	0	444,380				
Progressive				System Rating ->	4	4	4	4
Conservation Cover (ac.) 327	22,873	19,964	2,091	22,056	5	5	5	3
Conservation Crop Rotation (ac.) 328	228,725	199,644	20,912	220,556	3	3	3	2
Filter Strip (ac.) 393	11,436	9,721	1,307	11,028	0	0	0	5
Grassed Waterway (ac.) 412	46	39	5	44	0	0	3	4
Residue and Tillage Management, Mulch Till (ac.) 345	91,490	77,767	10,456	88,223	4	4	4	2
Residue Management, Seasonal (ac.) 344	343,088	317,764	13,070	330,834	0	2	2	1
Total Acreage at Progressive Level	457,450	388,833	52,280	441,113				
RMS				System Rating ->	5	5	5	5
Conservation Cover (ac.) 327	32,675	36,367	5,783	42,151	5	5	5	3
Conservation Crop Rotation (ac.) 328	326,750	363,673	57,835	421,508	3	3	3	2
Cover Crop (ac.) 340	19,605	19,605	5,685	25,290	4	4	3	2
Critical Area Planting (ac.) 342	327	327	95	422	5	5	5	3
Filter Strip (ac.) 393	16,338	18,053	3,022	21,075	0	0	0	5
Grassed Waterway (ac.) 412	82	89	17	105	0	0	3	4
Irrigation System, Sprinkler (ac.) 442	817	817	237	1,054	0	3	0	1
Irrigation Water Management (ac.) 449	327	327	95	422	0	3	0	4
Nutrient Management (ac.) 590	130,700	130,700	37,903	168,603	0	0	0	5
Pest Management (ac.) 595	245,063	245,063	71,068	316,131	1	1	1	5
Residue and Tillage Management, Mulch Till (ac.) 345	130,700	144,424	24,180	168,603	4	4	4	2
Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329	32,675	32,675	9,476	42,151	5	5	4	4
Salinity and Sodic Soil Management (ac.) 610	980	980	284	1,265	4	4	4	2
Upland Wildlife Habitat Management (ac.) 645	65,350	65,350	18,952	84,302	3	3	3	3
Wetland Wildlife Habitat Management (ac.) 644	9,803	9,803	2,843	12,645	0	0	0	2
Total Acreage at RMS Level	326,750	326,750	94,758	421,508				

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower James"/>	Watershed Code	<input type="text" value="10160011"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Rangeland and Pasture"/>	Landuse Acres	<input type="text" value="674,300"/>	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="12%"/>	COMPARE	<input type="text" value="12%"/>	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%	438,295	Baseline	85%	372,551	Baseline	55%	372,551	372,551	0
			Progressive	10%	43,830					
			RMS	5%	21,915					

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%	168,575	Progressive	95%	160,146	Progressive	30%	203,976	160,146	43,830
			RMS	5%	8,429					

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%	67,430	RMS	100%	67,430	RMS	15%	97,774	67,430	30,344

Grand Totals	100%	674,300					100%	674,300	600,127	74,173
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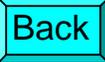
DOCUMENTATION SECTION

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
378	x 1	x 1	x 0	NUMBER per TU	Pond (no.) 378
382	x 0	x 250	x 500	FEET per TU	Fence (ft.) 382
472	0.0%	0.0%	x 20.0%	PERCENT of TU	Use Exclusion (ac.) 472
512	x 1.0%	x 1.5%	x 2.5%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516	100	x 625	x 750	FEET per TU	Pipeline (ft.) 516
528	0.0%	0.0%	x 26.1%	PERCENT of TU	Prescribed Grazing (ac.) 528
533	0	x 0	x 0	NUMBER per TU	Pumping Plant (no.) 533
548	0.0%	0.0%	x 10.0%	PERCENT of TU	Grazing Land Mechanical Treatment (ac.) 548
550	0.0%	0.0%	x 0.4%	PERCENT of TU	Range Planting (ac.) 550
590	100.0%	100.0%	x 100.0%	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	x 0	NUMBER per TU	Watering Facility (no.) 614
642	0	x 0	x 0	NUMBER per TU	Water Well (no.) 642
574	0	0	0	NUMBER per TU	Spring Development (no.) 574
578	0	1	1	FEET per TU	Stream Crossing 578
314	0.0%	0.0%	5.0%	PERCENT of TU	Brush Management (ac.) 314
511	0.0%	0.0%	0.1%	PERCENT of TU	Forage Harvest Management (ac.) 511
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		LOWER JAMES - 10160011			LANDUSE ACRES		674,300			
LANDUSE TYPE		RANGELAND AND PASTURE			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	Plant Condition – Noxious and Invasive Plants	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage	Domestic Animals – Inadequate Stock Water	
Baseline					System Rating ->		2	1	4	3
Fence (ft.) 382		0	0	0	0	0	0	3	0	
Pasture & Hayland Planting (ac.) 512		4,383	3,726	0	3,726	4	2	5	0	
Pond (no.) 378		2,191	1,863	0	1,863	0	-1	0	5	
Total Acreage at Baseline		438,295	372,551	0	372,551					
Progressive					System Rating ->		2	1	4	5
Fence (ft.) 382		421,438	400,366	109,574	509,939	0	0	3	0	
Pasture & Hayland Planting (ac.) 512		2,529	2,840	219	3,060	4	2	5	0	
Pipeline (ft.) 516		1,053,594	1,000,914	273,934	1,274,848	0	0	0	5	
Pond (no.) 378		860	1,036	4	1,040	0	-1	0	5	
Pumping Plant (no.) 533		13	13	4	16	0	0	0	5	
Water Well (no.) 642		30	29	8	37	0	0	2	5	
Watering Facility (no.) 614		354	336	92	428	1	0	3	5	
Total Acreage at Progressive Level		168,575	160,146	43,830	203,976					
RMS					System Rating ->		4	4	5	5
Fence (ft.) 382		337,150	358,222	130,646	488,868	0	0	3	0	
Grazing Land Mechanical Treatment (ac.) 548		6,743	6,743	3,034	9,777	3	3	4	0	
Nutrient Management (ac.) 590		67,430	67,430	30,344	97,774	0	0	4	2	
Pasture & Hayland Planting (ac.) 512		1,686	2,031	413	2,444	4	2	5	0	
Pest Management (ac.) 595		16,858	16,858	7,586	24,443	1	5	4	0	
Pipeline (ft.) 516		505,725	558,405	174,897	733,301	0	0	0	5	
Pond (no.) 378		303	440	0	440	0	-1	0	5	
Prescribed Grazing (ac.) 528		17,599	17,599	7,920	25,519	4	4	5	1	
Pumping Plant (no.) 533		10	11	4	15	0	0	0	5	
Range Planting (ac.) 550		270	270	121	391	4	4	5	0	
Use Exclusion (ac.) 472		13,486	13,486	6,069	19,555	2	4	4	0	
Water Well (no.) 642		24	25	9	34	0	0	2	5	
Watering Facility (no.) 614		219	237	81	318	1	0	3	5	
Total Acreage at RMS Level		67,430	67,430	30,344	97,774					

WATERSHED NAME & CODE		LOWER JAMES - 10160011						LANDUSE ACRES			674,300
LANDUSE TYPE		RANGELAND AND PASTURE						TYPICAL UNIT SIZE ACRES			100
POSSIBLE SOURCES OF FUNDING							CALCULATED PARTICIPATION			12%	
Conservation Systems by Treatment Level		FUTURE	FARM BILL					OTHERS			NOTES/COMMENTS
		New Treatment Units	CTA	EQIP	WRP	WHIP	CSP	CRP/CREP	Fed	State	
Progressive											
Fence (ft.) 382	109,574	X	X	X	X	X	X				
Pasture & Hayland Planting (ac.) 512	219	X	X		X						
Pipeline (ft.) 516	273,934	X	X		X						
Pond (no.) 378	4	X	X		X						
Pumping Plant (no.) 533	4	X	X		X						
Water Well (no.) 642	8	X	X		X						
Watering Facility (no.) 614	92	X	X		X						
New Treatment Acreage	43,830										
RMS											
Fence (ft.) 382	130,646	X	X	X	X	X	X				
Grazing Land Mechanical Treatment (ac.) 548	3,034	X	X								
Nutrient Management (ac.) 590	30,344	X									
Pasture & Hayland Planting (ac.) 512	413	X	X		X						
Pest Management (ac.) 595	7,586	X	X	X	X						
Pipeline (ft.) 516	174,897	X	X		X						
Pond (no.) 378	0	X	X		X						
Prescribed Grazing (ac.) 528	7,920	X									
Pumping Plant (no.) 533	4	X	X		X						
Range Planting (ac.) 550	121	X	X	X	X						
Use Exclusion (ac.) 472	6,069	X									
Water Well (no.) 642	9	X	X		X						
Watering Facility (no.) 614	81	X	X		X						
New Treatment Acreage	30,344										

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower James"/>	Watershed Code	<input type="text" value="10160011"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Hayland"/>	Landuse Acres	<input type="text" value="51,600"/>	Interest Rate	<input type="text" value="6%"/>
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="6%"/>	COMPARE	<input type="text" value="5%"/>	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	75%	38,700	Baseline	95%	36,765	Baseline	71%	36,765	36,765	0
			Progressive	3%	1,161					
			RMS	2%	774					

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%	7,740	Progressive	95%	7,353	Progressive	17%	8,514	7,353	1,161
			RMS	5%	387					

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%	5,160	RMS	100%	5,160	RMS	12%	6,321	5,160	1,161

Grand Totals	100%	51,600					100%	51,600	49,278	2,322
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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
511	0.0%	0.0%	x 100.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
512	x 1.0%	x 10.0%	x 30.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
590	0.0%	0.0%	x 100.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	0.0%	0.0%	x 100.0%	PERCENT of TU	Pest Management (ac.) 595
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
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
410	0	0	1	NUMBER per TU	Grade Stabilization Structure (no.) 410
548	0.0%	0.0%	10.0%	PERCENT of TU	Grazing Land Mechanical Treatment (ac.) 548
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
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



WATERSHED NAME & CODE		LOWER JAMES - 10160011			LANDUSE ACRES		51,600	
LANDUSE TYPE		HAYLAND			TYPICAL UNIT SIZE ACRES		40	
ASSESSMENT INFORMATION					CALCULATED PARTICIPATION		5%	
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 – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Plant Condition – Forage Quality and Palatability
Baseline	System Rating ->				2	3	1	3
Pasture & Hayland Planting (ac.) 512	387	368	0	368	4	5	2	5
Total Acreage at Baseline	38,700	36,765	0	1				
Progressive	System Rating ->				2	3	1	3
Pasture & Hayland Planting (ac.) 512	774	747	104	851	4	5	2	5
Total Acreage at Progressive Level	7,740	7,353	1,161	8,514				
RMS	System Rating ->				3	5	4	4
Forage Harvest Management (ac.) 511	5,160	5,160	1,161	6,321	3	4	3	4
Nutrient Management (ac.) 590	5,160	5,160	1,161	6,321	0	3	0	4
Pasture & Hayland Planting (ac.) 512	1,548	1,594	302	1,896	4	5	2	5
Pest Management (ac.) 595	5,160	5,160	1,161	6,321	1	5	5	4
Total Acreage at RMS Level	5,160	5,160	1,161	6,321				

WATERSHED NAME & CODE		LOWER JAMES - 10160011				LANDUSE ACRES		51,600	
LANDUSE TYPE		HAYLAND				TYPICAL UNIT SIZE ACRES		40	
CONSERVATION COST TABLE						CALCULATED PARTICIPATION		5%	
		FUTURE	FEDERAL				PRIVATE		
Conservation Systems by Treatment Level		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive									
Pasture & Hayland Planting (ac.) 512		104	\$3,135	\$0	\$627	\$3,762	\$3,135	\$63	\$3,399
Subtotal		1,161	\$3,135	\$0	\$627	\$3,762	\$3,135	\$63	\$3,399
RMS									
Forage Harvest Management (ac.) 511		1,161	\$0	\$0	\$1,161	\$1,161	\$0	\$5,805	\$8,936
Nutrient Management (ac.) 590		1,161	\$0	\$0	\$1,161	\$1,161	\$0	\$5,805	\$8,936
Pasture & Hayland Planting (ac.) 512		302	\$9,056	\$0	\$1,811	\$10,867	\$9,056	\$181	\$9,819
Pest Management (ac.) 595		1,161	\$0	\$0	\$1,161	\$1,161	\$0	\$5,805	\$8,936
Subtotal		1,161	\$9,056	\$0	\$5,294	\$14,350	\$9,056	\$17,596	\$36,627
Grand Total		2,322	\$12,191	\$0	\$5,921	\$18,112	\$12,191	\$17,659	\$40,025

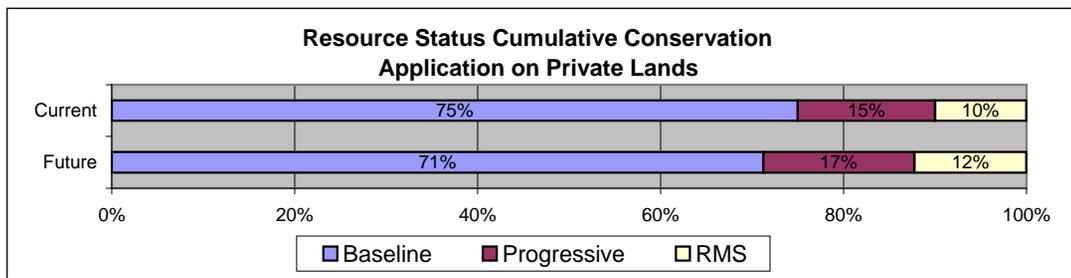


Chart Refers To	
Landuse Type	HAYLAND
Calculated Participation Rate	5%

Average PV Costs per Ac		
System	Federal	Private
Prog	\$3.24	\$2.93
RMS	\$12.36	\$31.55

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower James"/>	Watershed Code	<input type="text" value="10160011"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Headquarters - Farmstead"/>	Landuse Acres	<input type="text" value="61,900"/>	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="7%"/>	← COMPARE →	<input type="text" value="7%"/>	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	75%	46,425	Baseline	93%	43,175	Baseline	70%	43,175	43,175	0
			Progressive	4%	1,857					
			RMS	3%	1,393					
<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	15%	9,285	Progressive	95%	8,821	Progressive	17%	10,678	8,821	1,857
			RMS	5%	464					
<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%	6,190	RMS	100%	6,190	RMS	13%	8,047	6,190	1,857
<i>Must Total 100%</i>			<i>100%</i>							
Grand Totals	100%	61,900					100%	61,900	58,186	3,714

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	NUMBER per TU	Waste Storage Facility (no.) 313
342	x 1.0%	x 3.0%	x 5.0%	PERCENT of TU	Critical Area Planting (ac.) 342
350	0	0	x 0	NUMBER per TU	Sediment Basin (no.) 350
351	0	0	x 0	NUMBER per TU	Well Decommissioning (no.) 351
362	0	0	x 30	FEET per TU	Diversion (ft.) 362
380	x 200	x 400	x 500	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380
484	x 1.0%	x 5.0%	x 15.0%	PERCENT of TU	Mulching (ac.) 484
561	0.0%	0.0%	x 4.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
650	0	x 15	x 25	FEET per TU	Windbreak/Shelterbreak Renovation (ft.) 650
633	0.0%	50.0%	50.0%	PERCENT of TU	Waste Utilization (ac.) 633
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	Strippcropping (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		LOWER JAMES - 10160011			LANDUSE ACRES		61,900	
LANDUSE TYPE		HEADQUARTERS - FARMSTEAD			TYPICAL UNIT SIZE ACRES		20	
ASSESSMENT INFORMATION					CALCULATED PARTICIPATION		7%	
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 ->				3	3	2	1
Diversion (ft.) 362	0	0	0	0	0	0	2	0
Sediment Basin (no.) 350	0	0	0	0	4	4	0	0
Critical Area Planting (ac.) 342	464	432	0	432	1	3	1	0
Mulching (ac.) 484	464	432	0	432	1	4	2	0
Windbreak/Shelterbreak Establishment (ft.) 380	464,250	431,753	0	431,753	2	1	2	2
Total Acreage at Baseline	46,425	43,175	0	43,175				
Progressive	System Rating ->				3	4	2	1
Diversion (ft.) 362	0	0	0	0	0	0	2	0
Sediment Basin (no.) 350	0	0	0	0	4	4	0	0
Critical Area Planting (ac.) 342	279	283	37	320	1	3	1	0
Mulching (ac.) 484	464	460	74	534	1	4	2	0
Windbreak/Shelterbreak Establishment (ft.) 380	185,700	194,985	18,570	213,555	2	1	2	2
Windbreak/Shelterbreak Renovation (ft.) 650	6,964	6,616	1,393	8,008	2	2	1	2
Total Acreage at Progressive Level	9,285	8,821	1,857	10,678				
RMS	System Rating ->				4	5	3	1
Critical Area Planting (ac.) 342	310	337	65	402	1	3	1	0
Diversion (ft.) 362	9,285	9,285	2,786	12,071	0	0	2	0
Heavy Use Area Protection (ac.) 561	248	248	74	322	1	5	2	1
Mulching (ac.) 484	929	966	241	1,207	1	4	2	0
Sediment Basin (no.) 350	31	31	9	40	4	4	0	0
Waste Storage Facility (no.) 313	124	124	37	161	3	4	0	-2
Well Decommissioning (no.) 351	3	3	1	4	5	0	0	0
Windbreak/Shelterbreak Establishment (ft.) 380	154,750	177,963	23,213	201,175	2	1	2	2
Windbreak/Shelterbreak Renovation (ft.) 650	7,738	8,086	1,973	10,059	2	2	1	2
Total Acreage at RMS Level	6,190	6,190	1,857	8,047				

WATERSHED NAME & CODE		LOWER JAMES - 10160011				LANDUSE ACRES		61,900	
LANDUSE TYPE		HEADQUARTERS - FARMSTEAD				TYPICAL UNIT SIZE ACRES		20	
CONSERVATION COST TABLE						CALCULATED PARTICIPATION		7%	
		FUTURE	FEDERAL				PRIVATE		
Conservation Systems by Treatment Level		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive									
Diversion (ft.) 362		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sediment Basin (no.) 350		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Critical Area Planting (ac.) 342		37	\$1,857	\$0	\$371	\$2,228	\$1,857	\$186	\$2,639
Mulching (ac.) 484		74	\$40,854	\$0	\$8,171	\$49,025	\$40,854	\$0	\$40,854
Windbreak/Shelterbreak Establishment (ft.) 380		18,570	\$11,606	\$0	\$2,321	\$13,928	\$11,606	\$232	\$12,584
Windbreak/Shelterbreak Renovation (ft.) 650		1,393	\$1,880	\$0	\$376	\$2,256	\$1,880	\$0	\$1,880
Subtotal		1,857	\$56,197	\$0	\$11,239	\$67,437	\$56,197	\$418	\$57,957
RMS									
Critical Area Planting (ac.) 342		65	\$3,250	\$0	\$650	\$3,900	\$3,250	\$325	\$4,619
Diversion (ft.) 362		2,786	\$9,749	\$0	\$1,950	\$11,699	\$9,749	\$390	\$11,392
Heavy Use Area Protection (ac.) 561		74	\$2,600	\$0	\$520	\$3,120	\$2,600	\$260	\$3,695
Mulching (ac.) 484		241	\$132,776	\$0	\$26,555	\$159,331	\$132,776	\$0	\$132,776
Sediment Basin (no.) 350		9	\$11,606	\$0	\$2,321	\$13,928	\$11,606	\$696	\$14,540
Waste Storage Facility (no.) 313		37	\$2,228,400	\$0	\$445,680	\$2,674,080	\$2,228,400	\$89,136	\$2,603,873
Well Decommissioning (no.) 351		1	\$232	\$0	\$46	\$279	\$232	\$0	\$232
Windbreak/Shelterbreak Establishment (ft.) 380		23,213	\$14,508	\$0	\$2,902	\$17,409	\$14,508	\$290	\$15,730
Windbreak/Shelterbreak Renovation (ft.) 650		1,973	\$2,664	\$0	\$533	\$3,196	\$2,664	\$0	\$2,664
Subtotal		1,857	\$2,405,784	\$0	\$481,157	\$2,886,941	\$2,405,784	\$91,097	\$2,789,520
Grand Total		3,714	\$2,461,982	\$0	\$492,396	\$2,954,378	\$2,461,982	\$91,515	\$2,847,477

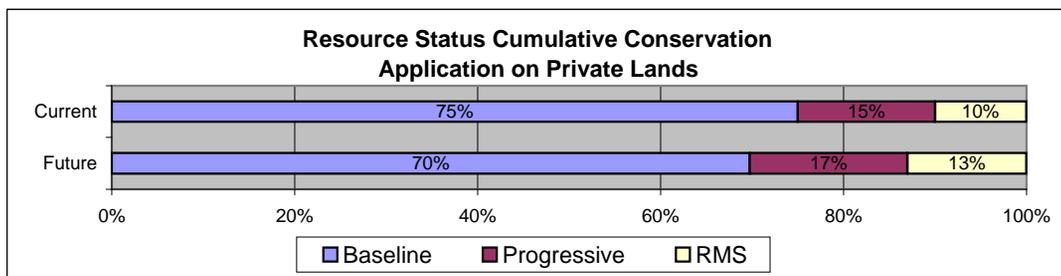


Chart Refers To	
Landuse Type	HEADQUARTERS - FARMSTEAD
Calculated Participation Rate	7%

Average PV Costs per Ac		
System	Federal	Private
Prog	\$36.32	\$31.21
RMS	\$1,554.63	\$1,502.16

WATERSHED NAME & CODE		LOWER JAMES - 10160011				LANDUSE ACRES			61,900
LANDUSE TYPE		HEADQUARTERS - FARMSTEAD				LOCAL UNIT SIZE ACRES			20
POSSIBLE SOURCES OF FUNDING		LOWER JAMES - 10160011				LOCAL PARTICIPATION			7%
Conservation Systems by Treatment Level	FUTURE	FARM BILL				OTHERS			NOTES/COMMENTS
	New Treatment Units	CTA	EQIP	WRP	WHIP	Fed	State	Local	
Progressive									
Diversion (ft.) 362	0	X	X						
Sediment Basin (no.) 350	0	X	X						
Critical Area Planting (ac.) 342	37	X	X		X				
Mulching (ac.) 484	74	X	X		X				
Windbreak/Shelterbreak Establishment (ft.) 380	18,570	X	X		X				
Windbreak/Shelterbreak Renovation (ft.) 650	1,393	X	X		X				
New Treatment Acreage	1,857								
RMS									
Critical Area Planting (ac.) 342	65	X	X		X				
Diversion (ft.) 362	2,786	X	X						
Heavy Use Area Protection (ac.) 561	74	X	X						
Mulching (ac.) 484	241	X	X		X				
Sediment Basin (no.) 350	9	X	X						
Waste Storage Facility (no.) 313	37	X	X						
Well Decommissioning (no.) 351	1	X	X	X	X				
Windbreak/Shelterbreak Establishment (ft.) 380	23,213	X	X		X				
Windbreak/Shelterbreak Renovation (ft.) 650	1,973	X	X		X				
New Treatment Acreage	1,857								

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower James"/>	Watershed Code	<input type="text" value="10140101"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="CRP - Wildlife Land"/>	Landuse Acres	<input type="text" value="62,300"/>	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="10%"/>	COMPARE	<input type="text" value="10%"/>	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	60%	37,380	Baseline	90%	33,642	Baseline	54%	33,642	33,642	0
			Progressive	5%	1,869					
			RMS	5%	1,869					
<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	25%	15,575	Progressive	90%	14,018	Progressive	26%	15,887	14,018	1,869
			RMS	10%	1,558					
<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	15%	9,345	RMS	100%	9,345	RMS	21%	12,772	9,345	3,427
Grand Totals	100%	62,300					100%	62,300	57,005	5,296

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
327	x	20.0%	x	85.0%	x	90.0%	PERCENT of TU	Conservation Cover (ac.) 327	
380	x	300	x	500	x	600	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380	
390		0.0%		0.0%	x	13.0%	PERCENT of TU	Riparian Herbaceous Cover (ac.) 390	
391		0.0%		0.0%	x	7.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391	
393		0.0%		0.0%	x	25.0%	PERCENT of TU	Filter Strip (ac.) 393	
472		0.0%		0.0%	x	80.0%	PERCENT of TU	Use Exclusion (ac.) 472	
484	x	1.0%	x	5.0%	x	15.0%	PERCENT of TU	Mulching (ac.) 484	
595		0.0%		0.0%	x	25.0%	PERCENT of TU	Pest Management (ac.) 595	
643		0.0%		0.0%	x	75.0%	PERCENT of TU	Restoration and Management of Declining Habitats (ac.) 643	
644		0.0%		0.0%	x	50.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644	
645		0.0%	x	40.0%	x	90.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645	
657		0.0%		0.0%	x	90.0%	PERCENT of TU	Wetland Restoration (ac.) 657	
659		0.0%		0.0%	x	2.0%	PERCENT of TU	Wetland Enhancement (ac.) 659	
658		0.0%		0.0%		0.0%	PERCENT of TU	Wetland Creation (ac.) 658	
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	

WATERSHED NAME & CODE		LOWER JAMES - 10140101			LANDUSE ACRES		62,300	
LANDUSE TYPE		CRP - WILDLIFE LAND			TYPICAL UNIT SIZE ACRES		20	
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	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	7,476	6,728	0	6,728	5	5	5	0
Mulching (ac.) 484	374	336	0	336	3	0	0	0
Windbreak/Shelterbreak Establishment (ft.) 380	560,700	504,630	0	504,630	0	3	0	0
Total Acreage at Baseline	37,380	33,642	0	1				
Progressive	System Rating ->				4	4	4	3
Conservation Cover (ac.) 327	13,239	12,289	1,215	13,504	5	5	5	0
Mulching (ac.) 484	779	720	75	794	3	0	0	0
Upland Wildlife Habitat Management (ac.) 645	6,230	5,607	748	6,355	0	5	5	5
Windbreak/Shelterbreak Establishment (ft.) 380	389,375	378,473	18,690	397,163	0	3	0	0
Total Acreage at Progressive Level	15,575	14,018	1,869	15,887				
RMS	System Rating ->				4	5	5	5
Conservation Cover (ac.) 327	8,411	10,108	1,386	11,494	5	5	5	0
Filter Strip (ac.) 393	2,336	2,336	857	3,193	0	2	1	2
Mulching (ac.) 484	1,402	1,498	417	1,916	3	0	0	0
Pest Management (ac.) 595	2,336	2,336	857	3,193	5	0	0	0
Restoration and Management of Declining Habitats (ac.) 643	7,009	7,009	2,570	9,579	4	2	3	4
Riparian Forest Buffer (ac.) 391	654	654	240	894	4	3	3	2
Riparian Herbaceous Cover (ac.) 390	1,215	1,215	445	1,660	0	0	3	2
Upland Wildlife Habitat Management (ac.) 645	8,411	9,034	2,461	11,494	0	5	5	5
Use Exclusion (ac.) 472	7,476	7,476	2,741	10,217	4	3	3	0
Wetland Enhancement (ac.) 659	187	187	69	255	-1	3	4	4
Wetland Restoration (ac.) 657	8,411	8,411	3,084	11,494	-1	4	4	4
Wetland Wildlife Habitat Management (ac.) 644	4,673	4,673	1,713	6,386	1	5	5	5
Windbreak/Shelterbreak Establishment (ft.) 380	280,350	347,323	35,823	383,145	0	3	0	0
Total Acreage at RMS Level	9,345	9,345	3,427	12,772				

WATERSHED NAME & CODE		LOWER JAMES - 10140101				LANDUSE ACRES			62,300	
LANDUSE TYPE		CRP - WILDLIFE LAND				TYPICAL UNIT SIZE ACRES			20	
POSSIBLE SOURCES OF FUNDING						CALCULATED PARTICIPATION			10%	
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	1,215	X								
Mulching (ac.) 484	75	X	X		X					
Upland Wildlife Habitat Management (ac.) 645	748	X	X		X					
Windbreak/Shelterbreak Establishment (ft.) 380	18,690	X	X		X					
New Treatment Acreage	1,869									
RMS										
Conservation Cover (ac.) 327	1,386	X								
Filter Strip (ac.) 393	857	X	X		X					
Mulching (ac.) 484	417	X	X		X					
Pest Management (ac.) 595	857	X	X	X	X					
Restoration and Management of Declining Habitats (ac.) 643	2,570	X	X		X					
Riparian Forest Buffer (ac.) 391	240	X	X		X					
Riparian Herbaceous Cover (ac.) 390	445	X	X		X					
Upland Wildlife Habitat Management (ac.) 645	2,461	X	X		X					
Use Exclusion (ac.) 472	2,741	X								
Wetland Enhancement (ac.) 659	69	X	X		X					
Wetland Restoration (ac.) 657	3,084	X	X		X					
Wetland Wildlife Habitat Management (ac.) 644	1,713	X	X		X					
Windbreak/Shelterbreak Establishment (ft.) 380	35,823	X	X		X					
New Treatment Acreage	3,427									

