

New Mexico - (Lordsburg Field Office)

FY 2003 Livestock Manure Management Concern - Ranking Criteria Worksheet

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

___ Tribal Land ___ Non-Tribal Land Facility Status: A ___ B ___ or C ___ (see bottom of sheet)

1. Distance to Surface Water or Well - Potential Points (20% of Total = 100 points)

		Points	Benchmark	After
Determine the shortest distance from the livestock facility to the nearest downstream surface water or any well. Surface water may include a perennial or intermittent stream, river, lake, pond, irrigation canal, or wetland.	<100 Ft.	100	0	
	101-250 Ft.	80	0	
	251-500 Ft.	60	0	
	501-1,320 Ft.	40	0	
	>1,320 Ft.	20	0	

2. Depth to Seasonal Water Table - Potential Points (20% of Total = 100 points)

		Points	Benchmark	After
Determine the least distance from the ground surface to the top of the seasonal water table or aquifer at the livestock facility. Use information from on-site investigations, soil surveys, well completion reports, producer information, etc.	<10 Ft.	100	0	
	11-50 Ft.	80	0	
	51-100 Ft.	60	0	
	101-200 Ft.	40	0	
	>200 Ft.	20	0	

3. Monitoring Well Nitrate Contamination - (10% of Total = 50 points)

		Points	Benchmark	After
Determine level of nitrate contamination based on analyses for monitoring wells located hydrologically down-gradient from livestock facility and/or manure application field.	0-5 ppm	50	0	
	5-9 ppm	40	0	
	10-15 ppm	30	0	
	15-20 ppm	20	0	
	>20 ppm	10	0	

4. Status of Current Manure Facility/Operation - (20% of Total = 100 points)

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	30		
	Exists, inadequate	15		
	Nonexistent	0		
Storage and Treatment	Adequate	30		
	Exists, inadequate	15		
	Nonexistent	0		
Seepage	Adequate	40		
	Exists, inadequate	20		
	Nonexistent	0		

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5. Manure Utilization (On-Site Land Application A through D - (30% = 150 points) OR (Off-Site Land Application and Other Manure Utilization E - (30% = 150 points)

See instructions on next page. If both On-Site and Off-Site Applications are used, highest points will be used for ranking.						Max. Points	Benchmark	After	
Extra High = 0 Pts High = 5 Pts Med. = 15 Pts Low = 20 Pts						20			
A. Animal Density Status/Change									
B. Phosphorus Risk (Current/Planned)		Very High 0 Pts	High 5 Points	Medium 10 Points	Low 15 Points	Very Low 20 Pts	20		
C. Potential for Leaching			Yes = 0 Points No = 20 Points			20			
D. Irrigation Efficiency (Use FIRS to evaluate)		% of Area in Contract (present condition)		% of Area in Contract (planned condition)		Max. Points	Benchmark	After	
1-20%									
21-30%						Use			
31-40%						Exact			
41-50%						FIRS			
51-60%						%age			
61-70%									
71-80%						90			
>80%						Max			
OR			OR			OR			
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points		No = 150 Points		150			
						Total After Points			
						minus Total Benchmark Pts			
						equals Total Pts for Ranking			
Designated Conservationist _____				Date _____					
A - Existing facility needing improvements			B - Expansion of existing facility			C - Development of new facility			