

New Mexico - (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 - 50 Potential Points (10-20% of Total)

		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.	50	0	
	101-250 Ft.	40	0	
	251-500 Ft.	30	0	
	501-1,320 Ft.	20	0	
	>1,320 Ft.	10	0	

2. Depth to Seasonal Water Table - 50 Potential Points (10-20% of Total)

		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.	50	0	
	11-50 Ft.	40	0	
	51-100 Ft.	30	0	
	101-200 Ft.	20	0	
	>200 Ft.	10	0	

3. Monitoring Well Nitrate Contamination - 50 Potential Points (10-20% of Total)

		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 - 150 Potential Points (20-40% of Total)

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	50		
	Exists, inadequate	25		
	Nonexistent	0		
Storage and Treatment	Adequate	50		
	Exists, inadequate	25		
	Nonexistent	0		
Seepage	Adequate	50		
	Exists, inadequate	25		
	Nonexistent	0		

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5. Manure Utilization (On-Site Land Application A through D - Max. Points - 120 OR (Off-Site Land Application and Other Manure Utilization E - Max. Points - 80

See instructions on next page.						Max. Points	Benchmark	After	
A. Animal Density Status/Change						20			
Extra High = 0 Pts High =(ie. 5) Pts Med. = (ie.15) Pts Low =(ie. 20) Pts									
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 =(ie. 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%						0			
21-30%						0			
31-40%						10			
41-50%						20			
51-60%						30			
61-70%						40			
71-80%						50			
>80%						60			
OR		OR				OR			
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points		No =(ie. 80) Points		80			
						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									