

New Mexico - Portales 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 - 10 Potential Points (10% 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.	10	
	101-250 Ft.	8	
	251-500 Ft.	6	
	501-1,320 Ft.	4	
	>1,320 Ft.	2	

2. Depth to Seasonal Water Table - 10 Potential Points (10% 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.	10	
	11-50 Ft.	8	
	51-100 Ft.	6	
	101-200 Ft.	4	
	>200 Ft.	2	

3. Monitoring Well Nitrate Contamination - 10 Potential Points (10% 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	2	
	5-9 ppm	4	
	10-15 ppm	6	
	15-20 ppm	8	
	>20 ppm	10	

4. Status of Current Manure Facility/Operation - 40 Potential Points (40% of Total)

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	0		
Storage and Treatment	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	0		
Seepage	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		

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5. Manure Utilization [On-Site Land Application A through D - 30 Potential Points (30%)] OR [Off-Site Land Application and Other Manure Utilization E - 30 Potential Points (30%)]

See instructions on next page.						Max. Points	Benchmark	After
A. Animal Density Status/Change:						5		
Extra High = 0 Pts High =2 Pts Med. = 4 Pts Low =5 Pts								
B. Phosphorus Risk (Current/Planned)	Very High 0 Pts	High 2 Points	Medium 3 Points	Low 4 Points	Very Low 5 High Pts	5		
C. Potential for Leaching		Yes = 0 Points		No =5 Points		5		
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%					2			
31-40%					4			
41-50%					6			
51-60%					8			
61-70%					10			
71-80%					12			
>80%					15			
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points		No =30 Points		30		
OR						OR	OR	
						Total After Points		
						minus Total Benchmark Pts		
						equals Total Pts for Ranking		
A - Existing facility needing improvements B - Expansion of existing facility C - Development of new facility								
Participant _____				Date _____				
Designated Conservationist _____				Date _____				

In the event of a tie in Ranking score the following will be used

 Age of Dairy _____ (1 point per year)