

New Mexico - Albuquerque 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 - 125 Potential Points (25% 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.	125	0
	101-250 Ft.	100	0
	251-500 Ft.	75	0
	501-1,320 Ft.	50	0
	>1,320 Ft.	25	0

2. Depth to Seasonal Water Table - 125 Potential Points (25% 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.	125	0
	11-50 Ft.	100	0
	51-100 Ft.	75	0
	101-200 Ft.	50	0
	>200 Ft.	25	0

3. Monitoring Well Nitrate Contamination - 25 (5% 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	25	0
	5-9 ppm	20	0
	10-15 ppm	15	0
	15-20 ppm	10	0
	>20 ppm	5	0

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

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	33		
	Exists, inadequate	16.5		
	Nonexistent	0		
Storage and Treatment	Adequate	33		
	Exists, inadequate	16.5		
	Nonexistent	0		
Seepage	Adequate	33		
	Exists, inadequate	16.5		
	Nonexistent	0		

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5. Manure Utilization (On-Site Land Application A through D - 125 Points OR (Off-Site Land Application and Other Manure Utilization E - 125 Points (25% of Total)

See instructions on next page.						Max. Points	Benchmark	After	
Extra High = 0 Pts High =(ie. 5) Pts Med. = (ie.15) Pts Low =(ie. 25) Pts						25			
B. Phosphorus Risk (Current/Planned)		Very High 0 Points	High 10 Points	Medium 15 Points	Low 20 Points	Very Low 25 Points	25		
C. Potential for Leaching		Yes = 0 Points No = 25 Points				25			
D. Irrigation Efficiency (Use FIRS to evaluate)		% of Area in Contract (present condition)	% of Area in Contract (planned condition)	Max. Points	Benchmark	After			
				0					
				5					
				10					
				15					
				20					
				30					
				40					
				50					
		OR			OR		OR		
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points No = 125 Points							
						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					