

New Mexico - (Los Lunas 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 - 20 Potential Points (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.	20	
	101-250 Ft.	15	
	251-500 Ft.	10	
	501-1,320 Ft.	5	
	>1,320 Ft.	0	

2. Depth to Seasonal Water Table - 20 Potential Points (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.	20	
	11-50 Ft.	15	
	51-100 Ft.	10	
	101-200 Ft.	5	
	>200 Ft.	2	

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

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

See instructions on next page.		Max. Points		After
Collection and Transport	Adequate	6		
	Exists, inadequate	4		
	Nonexistent	2		
Storage and Treatment	Adequate	6		
	Exists, inadequate	4		
	Nonexistent	2		
Seepage	Adequate	8		
	Exists, inadequate	4		
	Nonexistent	2		

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5. Manure Utilization (On-Site Land Application A through D - Maximum 20 Points) OR (Off-Site Land Application and Other Manure Utilization E - Maximum 20 Points)

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 Low Pts	High _2_Points	Medium _3_Points	Low _4_Points	Very Low 5_Pts	5		
C. Potential for Leaching			Yes = 0 Points No = (2) Points			2			
D. Irrigation Efficiency (Use FIRS to evaluate)		% of Area in Contract (present condition)	% of Area in Contract (planned condition)	Max. Points	Benchmark	After			
				0					
				1					
				2					
				3					
				4					
				5					
				6					
				8					
OR			OR						
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points		No =(20) Points		20			
						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									