

New Mexico - (T. or C. 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

		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	0	
	101-250 Ft.	15	0	
	251-500 Ft.	10	0	
	501-1,320 Ft.	5	0	
	>1,320 Ft.	2	0	

2. Depth to Seasonal Water Table - 20 Potential 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.	20	0	
	11-50 Ft.	15	0	
	51-100 Ft.	10	0	
	101-200 Ft.	5	0	
	>200 Ft.	2	0	

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

4. Status of Current Manure Facility/Operation - 20 Potential Points

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	5		
	Exists, inadequate	3		
	Nonexistent	1		
Storage and Treatment	Adequate	5		
	Exists, inadequate	3		
	Nonexistent	1		
Seepage	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	2		

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

See instructions on next page.						Max. Points	Benchmark	After	
A. Animal Density Status/Change						5			
Extra High = 0 Pts High =(ie.1) Pts Med. = (ie.3) Pts Low =(ie. 5) Pts									
B. Phosphorus Risk (Current/Planned)	Very High Low 0 Pt	High _2_Points	Medium _3_Points	Low _4_Points	Very Low High 5 Pts	5			
C. Potential for Leaching						5			
Yes = 0 Points No =(ie. 5) Points									
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%				1					
31-40%				2					
41-50%				3					
51-60%				4					
61-70%				6					
71-80%				8					
>80%				10					
OR						OR	OR		
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points	No = 25 Points	25					
						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									