

## New Mexico - (Las Cruces 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 (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.	20	0	
	101-250 Ft.	15	0	
	251-500 Ft.	10	0	
	501-1,320 Ft.	5	0	
	>1,320 Ft.	0	0	

#### 2. Depth to Seasonal Water Table - 20 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.	20	0	
	11-40 Ft.	15	0	
	41-75 Ft.	10	0	
	76 - 100 Ft.	5	0	
	>100 Ft.	0	0	

#### 3. Monitoring Well Nitrate Contamination - 20 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	20	0	
	5-9 ppm	15	0	
	10-15 ppm	10	0	
	15-20 ppm	5	0	
	>20 ppm	0	0	

#### 4. Status of Current Manure Facility/Operation - 60 Potential Points (30% of Total)

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

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**5. Manure Utilization (On-Site Land Application A through D - Maximum 80 Points (40% of total) OR (Off-Site Land Application and Other Manure Utilization E - Maximum 80 Points (40% of total))**

See instructions on next page.						Max. Points	Benchmark	After	
A. Animal Density Status/Change						4			
Extra High = 0 Pts High =(ie. 1) Pts Med. = (ie.3) Pts Low =(ie. 4) Pts									
B. Phosphorus Risk (Current/Planned)		Very High 0 Pts	High _5_Points	Medium _10_Points	Low _15_Points	Very Low 18 Pts	18		
C. Potential for Leaching			Yes = 0 Points      No = 18 Points			18			
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%									
21-30%						use			
31-40%						exact			
41-50%						FIRS			
51-60%						%age			
61-70%									
71-80%						40 pts.			
>80%						Max.			
OR			OR			OR			
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place		Yes = 0 Points		No = 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			