

## New Mexico - (Artesia 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 - Potential Points 25

		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.	25	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 - Potential Points 25

		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.	25	0	
	11-50 Ft.	15	0	
	51-100 Ft.	10	0	
	101-200 Ft.	5	0	
	>200 Ft.	0	0	

#### 3. Monitoring Well Nitrate Contamination - 25

		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	15	0	
	10-15 ppm	10	0	
	15-20 ppm	5	0	
	>20 ppm	0	0	

#### 4. Status of Current Manure Facility/Operation - 60

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 115 Points)

See instructions on next page.						Max. Points	Benchmark	After
Extra High = 0 Pts High =(ie10) Pts Med. = (ie.20) Pts Low =(ie. 30) Pts						30		
<b>A. Animal Density Status/Change</b>								
<b>B. Phosphorus Risk</b> (Current/Planned)		Very High 0	High 2	Medium 5	Low 7	Very Low 10	10	
<b>C. Potential for Leaching</b>			Yes = 0 Points      No =(ie.10) Points			10		
<b>D. Irrigation Efficiency</b> (Use FIRS to evaluate)		% of Area in Contract (present condition)	% of Area in Contract (planned condition)	Max. Points	Benchmark	After		
				0				
				5				
				10				
				20				
				25				
				40				
				45				
				55				
<b>OR</b>								
<b>E. Evaporative System</b>		No = 0 Pts		Yes = 50 Pts		50		
						minus	Total Benchmark Pts	
						equals	Total Pts for Ranking	
Designated Conservationist _____				Date _____				
<b>A - Existing facility needing improvements    B - Expansion of existing facility    C - Development of new facility</b>								