

New Mexico - (Roswell Field Office)

FY 2004 Livestock Manure Management Concern - Ranking Criteria Worksheet

Applicant _____ Tract # _____ Farm # _____ Date _____

Tribal land _____ Non-Tribal _____ Facility Status _____ A-B-or C _____

1. Distance to Surface Water or Well - Potential Points 25

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

2. Depth to Seasonal Water Table - Potential Points 35

	Points		Existing
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.	35	
	11-50 Ft.	25	
	51-100 Ft.	10	
	101-200 Ft.	5	
	>200 Ft.	0	
TOTAL			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.	0-9 ppm	25	
	10-15 ppm	15	
	16-20 ppm	10	
	21-30 ppm	5	
	>30 ppm	0	
TOTAL			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	
TOTAL		0	0

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5. Manure Utilization (On-Site Land Application A through D - Maximum 105 Points)

See instructions on next page.						Max. Points	Benchmark	After
A. Animal Density Status/Change Extra High = 0 Pts High =(10) Pts Med. = (30) Pts Low =(40) Pts						40		
B. Phosphorus Risk (Current/Planned)		Very High 0	High 2	Medium 5	Low 7	Very Low 10	10	
C. Potential for Leaching			Yes = 0 Points No =(ie.10) Points			10		
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%						5	0	0
31-40%						10	0	0
41-50%						20	0	0
51-60%						25	0	0
61-70%						30	0	0
71-80%						35	0	0
>80%						45		

No. Milk Cows		Land Application Area					
Avg. Wt.		Benchmark	Planned				
AU's	0						
	AU's/Ac.	#DIV/0!	#DIV/0!	(minus)	Total Benchmark Pts		0
				equals	Total Pts for Ranking		0

Designated Conservationist _____ Date _____

A - Existing facility needing improvements **B** - Expansion of existing facility **C** - Development of new facility

Notes: