

APPENDIX B Monthly Manure Storage/Lagoon Checklist

Farm: _____ Pit/Storage/Lagoon ID: _____

Inspected by: _____ Date: _____

Manure/Effluent Level and Other Observations

Today Last Observation: _____ (date)
 Liquid level: _____ft _____ft
 Depth remaining: _____ft _____ft

	Yes	No	Corrective Action Taken/Planned?
Is liquid level marker available and visible?			
Storage/lagoon: Does 18-inch freeboard exist? ¹			
Runoff holding pond: Is sufficient volume available for runoff from 25-yr, 24-hr storm?			
Manure pump/transfer pipes functioning?			
Recycle pumps/transfer pipes functioning?			

Electrical conductivity (anaerobic lagoon) _____ μmho/cm

Earthen Structure	Yes	No	Corrective Action Taken/Planned?
Interior liner erosion observed . . .			
Due wave action?			
In vicinity of inlets?			
In vicinity of outlets?			
Due to erosion from rainfall?			
Near agitation equipment access points?			
Signs of berm/dam damage due to . . .			
Burrowing animals?			
Presence of trees?			
Presence of large weeds?			
Erosion or gullies?			
Poorly established sod?			
Are there indications of . . .			
Damp, soft, or slumping areas on berms?			
Seepage near toe of berm?			
Seepage around pipes through the berm?			

¹Measured from lowest point in dam, berm, or spillway to liquid level.

APPENDIX B

Monthly Manure Storage/Lagoon Checklist (continued)

Concrete/Steel Tanks	Yes	No	Corrective Action Taken/Planned?		
Signs of ...					
Cracks or structural damage?					
Leakage?					
Wet spots around base of tank?					
Clean water diversion					
Are perimeter drains plugged or blocked?					
Is roof water entering storage?					
Is field runoff entering storage?					
Are diversions/waterways maintained?					
Visual appearance and safety					
Is site neat and recently mowed?					
Is storage visually hidden from public?					
Are mortality or afterbirth observed?					
Are medical consumables observed?					
Is area fenced and properly marked?					
Is escape ladder available?					
Odor					
Anaerobic lagoon is ...					
Purple?					
At least 1/3 full?					
Actively bubbling?					
Manure storage or holding pond is ...					
Covered or crusted over?					
All structures					
Are all inlet pipes submerged?					
Rate downwind odor from facility:	None	Faint	Distinct	Strong	Unbearable