

APPENDIX A

Environmental Stewardship Assessment: Air Quality Issues in Animal Housing

The goal of this assessment is to help you confidentially evaluate environmental issues that relate to outdoor air quality. For each issue listed in the left column of the worksheet, read across to the right and circle the statement that best describes conditions on your farm. If any categories do not apply, leave them blank.

Potential Odor Risk	High Risk	Moderate Risk	Low Risk
Manure is handled as a . . .	Slurry or liquid	Solid with limited dry organic matter (bedding) additions	Solid with substantial dry organic matter (bedding) additions
Cleanliness of indoor confinement			
Rate (by checking appropriate response) the cleanliness of your animal housing.	Seldom cleaned	Cleaned occasionally	Cleaned frequently and thoroughly
• Cleanliness of animals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Manure and feed accumulation on floors and walkways.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Manure buildup on the floor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Feed spillage (outdoors).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Manure or contaminated water around outside of facility.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Weed growth, debris, and accumulation around facility.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drainage around indoor confinement			
Rate the drainage around your animal housing relative to that of other similar production facilities.	Not as clean as other facilities	At least as clean as typical facilities	As dry or drier than all other facilities
• Is manure controlled and collected?	Some manure regularly pools or accumulates in areas around the animal housing.	Some manure occasionally pools or accumulates in areas around the animal housing.	All manure is contained within housing and not allowed to collect around animal housing.
• Frequency of manure and waste feed removal?	Less than once per week	Manure is removed every two to seven days.	Manure is flushed or scraped from a facility at least once a day. OR Animals are heavily bedded to maintain dry conditions.
• Recharge water for filling shallow pits after they are emptied?	No recharge water is used after draining a pit.	Shallow pits are recharged with at least 4 inches of recycled lagoon or storage water.	Shallow pits are recharged with at least 4 inches of fresh water.
• Dust minimization in confined facilities?	Few efforts have been made to control dust.	Housing facilities use some "low-risk" dust control practices.	Three or more of the following are implemented: <ul style="list-style-type: none"> • Diet contains significant amounts of fat or oil (e.g., 50 lb per ton or more added fat). • Liquid feeding systems • Drop tubes on all augers • Housing sprayed with vegetable oil daily