Comprehensive Livestock Environmental Assessments and Nutrient Management Plan West (CLEANmp)

Environmental Assessment Form

INSTRUCTIONS TO SERVICE PROVIDERS

The information contained in this document is considered business confidential and an auditor must protect this information from release. Release of any information in this audit form to anyone other than the facility contact involved in the assessment or SES, Inc. is a violation of business confidentiality and you could be held personally responsible. In this form, questions are always worded to result in a "YES" if the facility is in conformance with the applicable practice. The text "N/A" in the checklists is used to abbreviate "not applicable."

Complete all applicable Sections of this assessment form. Assessment information for multiple like structures or areas can be recorded on a single copy of Parts 3 through 5, as appropriate. Additional copies of these sections will be needed to record assessment information for non-like structures or areas.

In cases where questions have multiple components (e.g., referring to mortality storage and disposal areas), a service provider must answer the question even if one component is absent from the operation. If this is the case, the service provider should note this in the comment field for the particular question. If an operation has both components and only one component yields a "NO" answer, the entire question should be answered "NO" and the specific component and description of the reason a "NO" answer was recorded must be noted in the appropriate comment field.

Any questions answered "NO" must have a description or explanation provided in the comment field opposite the question.

Questions in bold indicate high risk areas. These questions represent areas of direct environmental impact, and the producer should be encouraged to address them immediately.

If you need assistance, contact SES, Inc. at (800) 897-1163.

SES, INC.

PART 1 – GENERAL SITE

Questions	Yes	No	N/A	Comments
Siting and Screening				
1. Is the site located with an appropriate separation distance from neighbors? *(GELPP 0001-2002, 3.1.a)*				
2. Is natural or man-made visual screening present? *(GELPP 0001-2002, 3.1.a)*				
3. Does screening disrupt airflow off of the site? If "No" or "N/A," answer questions below. *(GELPP 0001-2002, 3.1.b)*				
a. Is the site located downwind or crosswind of the nearest neighbor? *(GELPP 0001-2002, 3.1.b)*				
b. Is the site located down- or cross-gradient of the nearest neighbor? *(GELPP 0001-2002, 3.1.b)*				
Storm Water				
1. Is storm water runoff prevented from entering the production areas? *(GELPP 0001-2002, 3.1.d, 3.3.1.a and GELPP 0002-2002, 3.4.1.c)*				
2. Is storm water runoff from production areas contained? If "Yes," answer questions below. *(GELPP 0001-2002, 3.1.e and GELPP 0002-2002, 3.4.1.b)*				
a. Does storm water containment provide adequate storage capacity? *(GELPP 0001-2002, 3.3.b)*				
b. Is this water managed by a manure nutrient management plan? *(GELPP 0001-2002, 3.1.e)*				
c. Is this water released through a vegetated filter strip? *(GELPP 0001-2002, 3.1.e)*				
3. Are vegetated filters adequately maintained? *(GELPP 0001-2002, 3.3.a)*				
4. Does the vegetated filter not discharge directly into surface water? *(GELPP 0001-2002, 3.3.a)*				
5. If storm water holding tanks are used, do they discharge into a leach field? *(GELPP 0001-2002, 3.3.b)*				

Questions	Yes	No	N/A	Comments
6. Is livestock prevented access to runoff containments or storages? *(GELPP 0002-2002, 3.4.1.d)*				
7. Is runoff from production areas prevented from entering any of the following:				
a. Surface water directly? *GELPP 0002-2002, 3.4.1.b*				
b. Sinkholes? *(GELPP 0001-2002, 3.6.b)*				
c. Surface drainage inlets? *(GELPP 0001-2002, 3.6.c and GELPP 0002-2002, 3.4.1.b)*				
d. Surface or subsurface conveyance piping? *(GELPP 0001-2002, 3.6.c)*				
8. Are any of the following waters sampled and analyzed for nutrients and bacteria annually?				
a. Discharge from subsurface drains, carrying water that may or has contacted manure? *(GELPP 0001-2002, 3.6.d)*				
b. Runoff that exits a facility boundary? *(GELPP 0001-2002, 3.6.f)*				
9. Are there not excessive accumulations of manure in sheds, sedimentation basins and drainage channels? *(GELPP 0002-2002, 3.4.2.g)*				
10. Are subsurface drains maintained in an operable condition? *(GELPP 0001-2002, 3.6.e)*				
Water Sources				
1. Are livestock prevented from uncontrolled access to surface water? *(GELPP 0001-2002, 3.1.f)*				
2. Is the site not located in a flood plain (≤ 25 year flood)? *(GELPP 0001-2002, 3.1.g)*				
3. If located in a flood plain, is the site equipped with flood prevention controls? *(GELPP 0001-2002, 3.1.g)*				
4. Are manure or wastewater handling structures located an adequate distance from the following water sources, or are there engineering controls to prevent impact? *(GELPP 0001-2002, 3.1.h)*				
a. Drinking water sources? *(GELPP 0001-2002, 3.1.h)*				
b. Surface water? *(GELPP 0001-2002, 3.1.h)*				

Questions	Yes	No	N/A	Comments
5. Is drinking water (human or animal) that could be impacted by livestock analyzed for nutrients and bacteria on an annual basis? *(GELPP 0001-2002, 3.2)*				
Written Plans				
1. Does the facility have written procedures to identify or respond to emergency situations? *(GELPP 0001-2002, 3.4)* *If "Yes," answer questions below.*				
a. It reflects current conditions? *(GELPP 0001-2002, 3.4)*				
b. It includes a facility map? *(GELPP 0001-2002, 3.4.a.1)*				
c. It includes a plan for responding to manure releases? *(GELPP 0001-2002, 3.4.a.2 and GELPP 0003-2002, 3.1.g)*				
d. It includes a plan for addressing personal injuries? *(GELPP 0001-2002, 3.4.a.3)*				
e. It includes a plan for addressing critical systems failures? *(GELPP 0001-2002, 3.4.a.4)*				
f. It includes a plan for alternate routine mortality disposal? *(GELPP 0001-2002, 3.4.a.5)*				
g. It includes a plan for catastrophic mortality disposal? *(GELPP 0001-2002, 3.4.a.5)*				
h. It includes driving directions from nearby towns or recognizable landmarks? *(GELPP 0001-2002, 3.4.a.6)*				
i. It includes provisions for off-site transportation of manure? *(GELPP 0001-2002, 3.4.a.7)*				
j. It addresses manure handling, transport, and land application operations conducted by facility or contract personnel? *(GELPP 0001-2002, 3.4.b and GELPP 0004-2002, 3.3.a and 3.4.d)*				
2. Does the operation have a written plan for sediment/sludge monitoring and removal? *(GELPP 0003-2002, 3.1.l)*				
3. Does the producer have a nutrient management plan that is representative of the current nutrient generation and utilization? *(GELPP 0004-2002, 3.3.c)*				

Questions	Yes	No	N/A	Comments
4. Are alternate manure spreading contractors identified in the nutrient management plan? *(GELPP 0004-2002, 3.3.b)*				
5. Does the producer have a conservation plan? *(GELPP 0004-2002, 3.4.m)*				
6. Does the facility have a written mortality management plan? *(GELPP 0005-2002, 3.1)*				
Site Maintenance/Aesthetics				
1. Is trash, including animal health consumables, secured from unauthorized human access? *(GELPP 0002-2002, 3.2.g and GELPP 0003-2002, 4)*				
2. Is the production site maintained free of spilled manure? *(GELPP 0001-2002, 3.5.a)*				
3. Is the production site maintained to minimize erosion? *(GELPP 0001-2002, 3.1.c & 3.5.b)*				
4. Are drainage ditches for the production site showing signs of erosion? *(GELPP 0001-2002, 3.6.a)*				
5. Are production site lawn areas maintained? *(GELPP 0001-2002, 3.5.c)*				
6. Are the areas adjacent to animal living areas free of tall weeds? *(GELPP 0002-2002, 3.4.2.c)*				
7. Are the exteriors of the production buildings clean and in good repair? *(GELPP 0001-2002, 3.5.d)*				
8. Are bulk feed bin areas free of spilled feed? *(GELPP 0002-2002, 3.3.1.c)*				
9. Are access roads, travel lanes, feed alleys and service aisles all-weather access surfaces? *(GELPP 0001-2002, 3.5.e and GELPP 0001-2002, 3.7.d)*				
10. Is ponding water prevented on the production site, including drainage ditches? *(GELPP 0001-2002, 3.5.f)*				
11. Are insect and rodent populations controlled at the production site? *(GELPP 0001-2002, 3.5.g)*				
12. Is dust generation minimized at the production site? *(GELPP 0001-2002, 3.5.h)*				

Questions	Yes	No	N/A	Comments
Commodity and Feed Storage				
1. Are spilled feed and feed ingredients removed in a timely fashion? *(GELPP 0001-2002, 3.7.a)*				
2. Are spilled feed and feed ingredients properly disposed of? *(GELPP 0001-2002, 3.7.a)*				
3. Is leachate managed to minimize environmental impact? *(GELPP 0001-2002, 3.7.b)*				
4. Are pest control measures adequately maintained? *(GELPP 0001-2002, 3.7.c)*				
5. Is the area screened from public view? *(GELPP 0001-2002, 3.7.e)*				
6. Are appropriate safety warning signs present around grinding equipment? *(GELPP 0001-2002, 3.7.f)*				
7. Is silage leachate contained? (GELPP 0002-2002, 3.2.i.2.a)				
8. Is silage storage at least 100 feet down slope from any groundwater well? (GELPP 0002-2002, 3.2.i.2.b)				
9. Is silage storage at least 100 feet down slope from any surface water? (GELPP 0002-2002, 3.2.i.2.b)				
10. Does the trench or bunker silo have an impervious base and sidewalls? (GELPP 0002-2002, 3.2.i.2.c)				
11. Is runoff/on prevented from entering the trench or bunker silo? (GELPP 0002-2002, 3.2.i.2.d)				
12. Is silage leachate or effluent prevented from entering enclosed manure storages? (GELPP 0002-2002, 3.2.i.2.e)				
Inspections				
1. Do the personnel conducting inspections of the production site have appropriate training or knowledge of the production site? *(GELPP 0001-2002, 3.8.1, 5.a and 0003-2002, 5.1)*				

Questions	Yes	No	N/A	Comments
2. Does the facility conduct entire site inspections for the following conditions, at least monthly: *(GELPP 0001-2002, 3.8.2 and 0002-2002, 4.3.c)*				
a. Spilled feed? *(GELPP 0001-2002, 3.8.3.d and 0002-2002, 4.3.c)*				
b. Trash and other solid wastes? *(GELPP 0001-2002, 3.8.3.d)*				
c. Appearance of structures? *(GELPP 0001-2002, 3.8.3.d and 0002-2002, 4.3.c)*				
d. Odor? *(GELPP 0001-2002, 3.8.3.d)*				
e. Rodent activity? *(GELPP 0001-2002, 3.8.3.d)*				
f. Visual screens? *(GELPP 0001-2002, 3.8.3.d)*				
g. Excessive weed growth? *(GELPP 0001-2002, 3.8.3.d and 0002-2002, 4.3.c)*				
h. Access points to confined spaces? *(GELPP 0002-2002, 4.3.c)*				
i. Areas subject to erosion? *(GELPP 0001-2002, 3.8.3.a and 0002-2002, 4.3.c)*				
j. Spilled manure? *(GELPP 0001-2002, 3.8.3.b and 0002-2002, 4.3.c)*				
3. Are production buildings inspected at a minimum of once a week? *(GELPP 0002-2002, 4.2)*				
4. Does the producer inspect the exposed foundations of buildings that use under-floor manure storage for manure seepage? *(GELPP 0002-2002, 3.3.1.b)*				
5. Are areas subject to erosion inspected after precipitation events that generate runoff? *(GELPP 0001-2002, 3.8.3.a and 0002-2002, 4.3.a)*				
6. Is the production site inspected for the presence of spilled manure after manure is handled or moved off the facility? *(GELPP 0001-2002, 3.8.3.b and 0002-2002, 4.3.b)*				
7. Is the production site inspected for the presence of spilled manure after animals are loaded into or out of living areas? *(GELPP 0001-2002, 3.8.3.b)*				
8. Are surface waters accessible to livestock inspected after precipitation events that generate runoff? *(GELPP 0001-2002, 3.8.3.c and 0002-2002, 4.3.c)*				

Questions	Yes	No	N/A	Comments
9. Are sheds, lots and pastures periodically inspected for excessive manure accumulation? *(GELPP 0002-2002, 3.4.2.f and 3.4.2.j)*				
10. Are manure and storm water storage areas inspected monthly? *(GELPP 0003-2002, 5.2)*				
11. Are outlet valves for manure storages inspected and documented weekly? *(GELPP 0003-2002, 3.1.m)*				
12. Is sediment/sludge accumulation monitored in the manure and storm water containments? *(GELPP 0003-2002, 3.1.l)*				
13. Is the solid manure storage area inspected monthly? *(GELPP 0003-2002, 5.2)*				
14. Are daily inspections of manure loading and transfer areas conducted? *(GELPP 0003-2002, 5.3.a)*				
15. Are water diversion ditches associated with protecting manure storage structures inspected after a runoff event? *(GELPP 0003-2002, 5.3.b)*				
16. Are subsurface drains under manure and storm water storages inspected weekly? *(GELPP 0003-2002, 5.3.c)*				
17. During manure removal events, are the areas around the liquid manure storages inspected daily for spilled manure? *(GELPP 0003-2002, 5.3.d)*				
18. Is the liquid level of all manure storages inspected at least weekly? *(GELPP 0003-2002, 5.3.e)*				
19. Are earthen dikes or embankments inspected weekly for the following:				
a. Erosion? *(GELPP 0003-2002, 5.3.f.1)*				
b. Slumping? *(GELPP 0003-2002, 5.3.f.2)*				
c. Cracks and gaps? *(GELPP 0003-2002, 5.3.f.3)*				
d. Burrowing animals? *(GELPP 0003-2002, 5.3.f.4)*				
e. Rodent activity? *(GELPP 0003-2002, 5.3.f.5)*				
f. Seepage? *(GELPP 0003-2002, 5.3.f.6)*				
20. Is land application visually monitored at an appropriate frequency? *(GELPP 0004-2002, 3.4.u and 0004-2002, 5.a)*				

Questions	Yes	No	N/A	Comments
21. Is the mortality storage area inspected daily? *(GELPP 0005-2002, 5.a)*				
Record Keeping				
1. Are all structural design drawings and specifications available on site? *(GELPP 0001-2002, 3.8.4.a, 0002-2002, 5.a and 0003-2002, 6.a)*				
2. Does the facility have written inspection schedules and checklists? *(GELPP 0001-2002, 3.8.4.b, 0002-2002, 5.b and 0003-2002, 6.b)*				
3. Are inspection checklists representative of the current operation? *(GELPP 0001-2002, 3.8.4.b and 0002-2002, 5.b)*				
4. Are inspection checklists signed and dated by the personnel conducting the inspections? *(GELPP 0001-2002, 3.8.4.c, 0002-2002, 5.c and 0003-2002, 6.c)*				
5. Are inspection checklists kept for five years? *(GELPP 0001-2002, 3.8.4.d, 0002-2002, 5.d and 003-2002, 6.d)*				
6. Are results of all percolations tests from on-site leach fields kept on site? *(GELPP 0001-2002, 3.8.4.e)*				
7. Are plans kept regarding facility re-design, additions or reductions? *(GELPP 0001-2002, 3.8.4.f)*				
8. Are records of the containment permeability tests maintained at the production site? *(GELPP 0003-2002, 3.1.k)*				
9. Are records of manure storage inspections maintained on site? *(GELPP 0003-2002, 5.3.g)*				
10. Is historical manure sampling information retained? *(GELPP 0004-2002, 3.1.a)*				
11. Does the producer have written manure transfer agreements for manure applied outside his/her control? *(GELPP 0004-2002, 3.1.d)*				
12. Does the producer have written manure spreading agreements for non-owned land? *(GELPP 0004-2002, 3.2 and 3.4.e)*				
13. Is a manure application log maintained for each application event? *(GELPP 0004-2002, 3.4.i)*				
14. Are mortality disposal records maintained? *(GELPP 0005-2002, 6.a)*				

PART 2 – PRODUCTION AREAS

Questions	Yes	No	N/A	Comments
Under-Building Pits				
1. Do pull plugs prevent leakage when in place? *(GELPP 0002-2002, 3.1.1.1.a)*				
2. Do pull plug pits have overflow protection? *(GELPP 0002-2002, 3.1.1.1.d)*				
3. Does pull plug pit management result in the following:				
a. Minimizes solids build-up? *(GELPP 0002-2002, 3.1.1.1.b)*				
b. Minimizes flow velocity reduction? *(GELPP 0002-2002, 3.1.1.1.b)*				
c. Minimizes manure channeling? *(GELPP 0002-2002, 3.1.1.1.b)*				
4. Are manure pits recharged with sufficient fresh or good quality recycled water after they are emptied? *(GELPP 0002-2002, 3.1.1.1.c and 3.1.1.1.j)*				
5. Is there no seepage into or out of the manure storage pit? *(GELPP 0002-2002, 3.1.1.1.e)*				
6. Are appropriate warning signs posted near access points to manure storage pits? *(GELPP 0002-2002, 3.1.1.1.f)*				
7. Are access points to manure storage pits covered to prevent human entry? *(GELPP 0002-2002, 3.3.1.d)*				
8. Are access points to manure storage pits covered to prevent animal entry? *(GELPP 0002-2002, 3.3.1.d)*				
9. Is animal access prevented for manure clean-out ports? *(GELPP 0002-2002, 3.3.1.e)*				
10. Are manure transfer line vents and clean-outs closed when not in use? *(GELPP 0002-2002, 3.3.1.f)*				
11. Are manure transfer line vents and clean-outs secured when not in use? *(GELPP 0002-2002, 3.3.1.f)*				
12. Are pit pump-out ports covered? *(GELPP 0002-2002, 3.1.1.1.g)*				
13. Are pit pump-out covers secured (e.g., locked)? *(GELPP 0002-2002, 3.1.1.1.g)*				

Questions	Yes	No	N/A	Comments
14. Are temporary manure storage pits drained and recharged weekly? *(GELPP 0002-2002, 3.1.1.1.h)*				
15. Is manure removed from storage pits in ways that minimize solids build-up? *(GELPP 0002-2002, 3.1.1.1.i)*				
16. Are at least 12 inches of headspace maintained in mechanically ventilated manure pits? *(GELPP 0002-2002, 3.1.1.1.k)*				
17. Is manure pit ventilation properly maintained? *(GELPP 0002-2002, 3.1.1.1.l)*				
Scraper/Belts				
1. Are all scrapers and belts properly maintained? *(GELPP 0002-2002, 3.1.1.2.a)*				
2. Are scrapers cycled frequently enough to prevent excessive solids accumulation? *(GELPP 0002-2002, 3.1.1.2.b)*				
Flush Systems				
1. Do all recycle-water flush tanks have overflow protection? *(GELPP 0002-2002, 3.1.1.3.a)*				
2. Is the flushing system effective at preventing solids accumulation? *(GELPP 0002-2002, 3.1.1.3.b)*				
3. Is the flush water not an odor source (poor quality)? *(GELPP 0002-2002, 3.1.1.3.c)*				
4. Are flush tank and transfer equipment free of leakage? *(GELPP 0002-2002, 3.1.1.3.d)*				
5. Are flush tanks designed to minimize odor release during filling? *(GELPP 0002-2002, 3.1.1.3.e)*				
High-Rise Structures				
1. Is structural integrity of the manure pit maintained to prevent seepage and run-on into the pit? *(GELPP 0002-2002, 3.1.1.4.d)*				
2. Is the manure pit constructed of an impermeable material? *(GELPP 0002-2002, 3.1.1.4.a and 3.2.h.1.b)*				
3. Is the manure storage area adequately ventilated? *(GELPP 0002-2002, 3.1.1.4.b)*				
4. Are manure load-out areas (outside) free of spilled manure? *(GELPP 0002-2002, 3.1.1.4.c)*				

Questions	Yes	No	N/A	Comments
5. Do manure load out areas have runoff/on controls? *(GELPP 0002-2002, 3.1.1.4.c)*				
Bedding/Litter				
1. Are bedding and litter maintained in a clean condition? *(GELPP 0002-2002, 3.1.1.5.a and 3.2.i.b)*				
2. Are bedding or litter regularly removed or conditioned? *(GELPP 0002-2002, 3.1.1.5.b)*				
3. Are bedding and litter stored and kept clean and dry? *(GELPP 0002-2002, 3.1.1.5.c)*				
Animal Living Areas				
1. Are living areas maintained free of excessive manure accumulation? *(GELPP 0002-2002, 3.2.a)*				
2. Are living areas maintained free of excessive dust? *(GELPP 0002-2002, 3.2.a)*				
3. Is fresh drinking water provided to the animals? *(GELPP 0002-2002, 3.2.b)*				
4. Are watering systems free of leaks? *(GELPP 0002-2002, 3.2.c)*				
5. Is the cooling system free of leaks? *(GELPP 0002-2002, 3.2.c)*				
6. Are living areas and service aisles free of spilled feed? *(GELPP 0002-2002, 3.2.d)*				
7. Are manure storages not used for feed disposal? *(GELPP 0002-2002, 3.2.e)*				
8. Are pests controlled in the animal living area? *(GELPP 0002-2002, 3.2.f)*				
9. Is trash, including animal health consumables, prevented from entering manure storages? *(GELPP 0002-2002, 3.2.g)*				
Only Applicable for Poultry				
1. Are liquid manure systems screened to reduce feathers and trash entry to the system? *(GELPP 0002-2002, 3.2.h.1.a)*				
2. Is litter at least 2 inches thick? *(GELPP 0002-2002, 3.2.h.1.c)*				
3. Is litter cake removed prior to turning or conditioning? *(GELPP 0002-2002, 3.2.h.1.d)*				

Questions	Yes	No	N/A	Comments
Only Applicable for Dairy and Cattle Feedlots				
1. Are travel lanes, feed alleys and service aisles cleaned on a regular basis to prevent excessive manure accumulation? *(GELPP 0002-2002, 3.2.i.1.a)*				
Ventilation				
1. Is ventilation maintained in working order? *(GELPP 0002-2002, 3.3.a)*				
2. Is ventilation equipment free of excessive dust? *(GELPP 0002-2002, 3.3.b)*				
3. Is appropriate air quality maintained inside buildings? *(GELPP 0002-2002, 3.3.c)*				
Sheds, Pastures and Open Lots				
1. Is bedding used in outdoor animal living areas maintained in an acceptable condition? *(GELPP 0002-2002, 3.4.2.d)*				
2. Are sheds, lots and pastures free of excessive manure accumulation? *(GELPP 0002-2002, 3.2.i.1.a , GELPP 0002-2002, 3.4.2.b and j, and GELPP 0002-2002, 3.4.m)*				
3. Are sheds, lots and pastures free of excessive dust? *(GELPP 0002-2002, 3.4.a, GELPP 0002-2002, 3.4.2.b and j, and GELPP 0002-2002, 3.4.m)*				
4. Is spilled feed removed from sheds, lots and pastures in a timely fashion? *(GELPP 0002-2002, 3.4.2.e)*				
5. Do the pastures have adequate vegetation? *(GELPP 0002-2002, 3.4.l)*				
6. Are pastures free of woody and non-edible plants? *(GELPP 0002-2002, 3.4.k)*				
7. Do pastures have appropriate stocking densities to prevent damage to the vegetation? *(GELPP 0002-2002, 3.4.b, and 002-2002, 3.4.e)*				
8. Is there no evidence of excessive water ponding in lots and pastures? *(GELPP 0002-2002, 3.4.1.a)*				
9. Is pasture vegetation maintained to prevent erosion? *(GELPP 0002-2002, 3.4.d)*				
10. Is the vegetation at least 3 to 4 inches tall prior to winter? *(GELPP 0002-2002, 3.4.f)*				

Questions	Yes	No	N/A	Comments
11. Are livestock prevented from having uncontrolled access to surface water? ***(GELPP 0002-2002, 3.4.c and GELPP 0002-2002, 3.4.2.a)***				
12. Are streamside pastures not used under the following conditions:				
a. In winter? *(GELPP 0002-2002, 3.4.g)*				
b. During wet periods? *(GELPP 0002-2002, 3.4.h)*				
c. During drought? *(GELPP 0002-2002, 3.4.h)*				
d. During extremely hot weather? *(GELPP 0002-2002, 3.4.h)*				
13. Are livestock stream crossings stabilized to prevent damage and erosion? *(GELPP 0002-2002, 3.4.i)*				
14. Do stream crossings restrict animal access to other portions of the stream? *(GELPP 0002-2002, 3.4.i)*				
15. Are feeding stations placed on well drained locations, or on non-permeable surfaces that are constructed to prevent ponding? *(GELPP 0002-2002, 3.4.j and 3.4.1.e)*				
16. Is there not excessive manure accumulation around feeding stations? *(GELPP 0002-2002, 3.4.j)*				
17. Are portable feeding and watering stations in pastures moved periodically? *(GELPP 0002-2002, 3.4.2.k)*				
18. Are watering stations placed on well drained locations, or on non-permeable surfaces that are constructed to prevent ponding? *(GELPP 0002-2002, 3.4.j and GELPP 0002-2002, 3.4.1.e)*				
19. Is there not excessive manure accumulation around watering stations? *(GELPP 0002-2002, 3.4.j)*				
20. Are supplemental feeding and mineral stations placed at an adequate distance from sensitive areas? *(GELPP 0002-2002, 3.4.k)*				

Questions	Yes	No	N/A	Comments
21. The areas around shade structures (fixed or portable):				
a. Are free of erosion? *(GELPP 0002-2002, 3.4.n)*				
b. Have appropriate ground cover? *(GELPP 0002-2002, 3.4.n)*				
c. Managed to minimize the duration of muddy conditions under them? *(GELPP 0002-2002, 3.4.2.i)*				
d. Do not drain directly into sensitive areas? *(GELPP 0002-2002, 3.4.2.h)*				

PART 3 – MANURE AND STORMWATER STORAGE

Questions	Yes	No	N/A	Comments
Liquid Manure and Storm Water Storage				
1. Are manure and storm water storages screened from public view? *(GELPP 0003-2002, 3.1.a)*				
2. Is there no evidence of ponding around manure and storm water storages? *(GELPP 0003-2002, 3.1.b)*				
3. Are water diversion ditches associated with manure storage areas free of erosion? *(GELPP 0003-2002, 3.1.c)*				
4. Is livestock prevented access to earthen storm water containments and manure storages? *(GELPP 0002-2002, 3.4.1.d)*				
5. Are the earthen containment structures, such as dikes and embankments for manure and storm water containments, free of damage? *(GELPP 0003-2002, 3.1.d)*				
6. Is subsurface drainage around manure or storm water storage monitored? *(GELPP 0003-2002, 3.1.e)*				
7. If subsurface drainage monitoring indicates contamination, is it being mitigated? *(GELPP 0003-2002, 3.1.e)*				
8. Is there evidence of spilled manure adjacent to manure storages? *(GELPP 0003-2002, 3.1.f)*				
9. Are inlets and outlets to manure storage designed to prevent blockage by any obstructions? *(GELPP 0003-2002, 3.1.h)*				
10. Are inlets to long-term manure storages located below the liquid level? *(GELPP 0003-2002, 3.1.i)*				
11. Are manure and storm water storage outlets secured? *(GELPP 0003-2002, 3.1.j)*				
12. For earthen containments, has the permeability of the bottom been tested? *(GELPP 0003-2002, 3.1.k)*				

Questions	Yes	No	N/A	Comments
13. Are pressurized manure and storm water transfer systems equipped with automatic shut-offs? *(GELPP 0003-2002, 3.1.n)*				
14. Is access to liquid transfer equipment controlled? *(GELPP 0003-2002, 3.1.o)*				
15. Do manure storages have access controls for humans and wildlife? *(GELPP 0003-2002, 3.1.p)*				
16. Are earthen containment embankments maintained free of potentially harmful vegetation? *(GELPP 0003-2002, 3.1.q)*				
17. Is the anaerobic lagoon maintained above its minimum treatment volume? *(GELPP 0003-2002, 3.1.r)*				
18. Are recycled water lines (pit flush or recharge) located an adequate distance from the point(s) where manure enters the storage? *(GELPP 0003-2002, 3.1.s)*				
19. Are overflow pipes located an adequate distance from the point(s) where manure enters the storage? *(GELPP 0003-2002, 3.1.s)*				
20. Does the manure or storm water storage have a liquid level gauge? *(GELPP 0003-2002, 3.1.t)*				
21. Are anaerobic lagoons loaded at their design rate? *(GELPP 0003-2002, 3.1.u)*				
22. Are anaerobic lagoons slug loaded? *(GELPP 0003-2002, 3.1.u)*				
23. Are aboveground manure and storm water storages filled from the top? *(GELPP 0003-2002, 3.1.v)*				
24. Is a secondary containment present around aboveground manure and storm water storages? *(GELPP 0003-2002, 3.1.w)*				
25. Are impermeable covers on manure storages maintained free of manure and other organic matter? *(GELPP 0003-2002, 3.1.x)*				
26. Do manure and storm water storages have adequate storage capacity? *(GELPP 0003-2002, 3.1.y)*				

Questions	Yes	No	N/A	Comments
Solid Manure Storage				
1. Is access to solid manure storage areas controlled? *(GELPP 0003-2002, 3.2.g)*				
2. Are solid manure storage areas screened from view? *(GELPP 0003-2002, 3.2.h)*				
3. Is water prevented from entering the solid manure storage? *(GELPP 0003-2002, 3.2.a and GELPP 0003-2002, 3.2.e)*				
4. Is runoff from all solid manure storage and handling areas collected and contained? *(GELPP 0003-2002, 3.2.b and GELPP 0003-2002, 3.2.f)*				
5. Are loading areas for solid manure storages all-weather accessible? *(GELPP 0003-2002, 3.2.c)*				
6. Is the floor of the solid manure storage engineered/built to minimize permeability? *(GELPP 0003-2002, 3.2.d)*				
7. Does the solid manure storage have adequate capacity to support the facility? *(GELPP 0003-2002, 3.2.i)*				
Prohibitions for All Manure Storages				
1. Are manure storages not used to dispose of human waste, trash, veterinary supplies, etc.? *(GELPP 0003-2002, 4)*				
2. Are manure storages not used to dispose of mortalities? *(GELPP 0003-2002, 4 and GELPP 0005-2002, 4.a)*				

PART 4 – MANURE UTILIZATION

Questions	Yes	No	N/A	Comments
Application Outside Producer Control				
1. Is manure that is managed outside the control of the producer sampled and analyzed for nutrient content? *(GELPP 0004-2002, 3.1.a)*				
2. Is the manure sample representative? *(GELPP 0004-2002, 3.1.b)*				
3. Is the manure analyzed for percent total solids, nitrogen and phosphorous? *(GELPP 0004-2002, 3.1.c)*				
Application Under Producer Control				
1. Is manure sampled and analyzed at least annually? *(GELPP 0004-2002, 3.4.b)*				
2. Is manure analyzed for percent total solids, nitrogen and phosphorous? *(GELPP 0004-2002, 3.4.c)*				
3. Is soil from land application areas sampled and analyzed at least every three years? *(GELPP 0004-2002, 3.4.f)*				
4. Is soil sampling representative of the sampled fields? *(GELPP 0004-2002, 3.4.g)*				
5. Does application equipment have automatic and manual shut-offs? *(GELPP 0004-2002, 3.4.h)*				
6. Is residual nitrogen and phosphorous considered in calculating application rates? *(GELPP 0004-2002, 3.4.j)*				
7. Is land application equipment calibrated annually? *(GELPP 0004-2002, 3.4.k)*				
8. Is land application equipment appropriately maintained? *(GELPP 0004-2002, 3.4.l)*				
9. Is application to highly erodible land avoided? *(GELPP 0004-2002, 3.4.m)*				
10. Is surface-applied manure incorporated? *(GELPP 0004-2002, 3.4.n)*				
11. Does land application avoid environmentally sensitive areas? *(GELPP 0004-2002, 3.4.o)*				
12. Are buffer or filter strips used on highly erodible lands or environmentally sensitive areas? *(GELPP 0004-2002, 3.4.p)*				

Questions	Yes	No	N/A	Comments
13. Is manure not surface applied without immediate incorporation when the wind direction is toward neighbors? *(GELPP 0004-2002, 3.4.q)*				
14. Does surface application avoid occupied residences by at least 1,000 feet? *(GELPP 0004-2002, 3.4.r)*				
15. Is sprinkler irrigation avoided on windy days? *(GELPP 0004-2002, 3.4.s)*				
16. Are neighbors notified prior to land application events? *(GELPP 0004-2002, 3.4.t)*				
17. Are automatic shut-off systems on land application equipment tested annually? *(GELPP 0004-2002, 5.b)*				
18. Are well heads, sink holes and other subsurface conduits or inlets protected from manure run-on/in during land application? *(GELPP 0004-2002, 3.4.v and GELPP 0004-2002, 3.5.b)*				
19. Are conveyances to surface water protected during land application? *(GELPP 0004-2002, 3.4.v and x)*				
20. Are subsurface drainage outlets, draining land application fields, monitored during land application? *(GELPP 0004-2002, 3.5.a)*				
21. Are grass filters maintained so they function as designed? *(GELPP 0004-2002, 3.6)*				
22. Is land application during precipitation events or following a significant event not done? *(GELPP 0004-2002, 4.a)*				
23. Is land application to snow covered, frozen or partially frozen ground not done? *(GELPP 0004-2002, 4.b)*				

PART 5 – MORTALITY MANAGEMENT

Questions	Yes	No	N/A	Comments
Mortality Management				
1. Is the mortality storage/collection area appropriately screened? *(GELPP 0005-2002, 3.2.d)*				
2. Are all mortalities removed from animal living areas within 24 hours of death? *(GELPP 0005-2002, 3.2.a)*				
3. Are all mortalities properly disposed of within 24 hours of death? *(GELPP 0005-2002, 3.2.b)*				
4. Is the mortality disposal area located at least 300 feet from surface water bodies? *(GELPP 0005-2002, 4.b)*				
5. Is access to mortality storage and collection areas controlled? *(GELPP 0005-2002, 3.2.e)*				
6. Is there evidence of a maintained insect and rodent control program around the mortality storage and disposal area? *(GELPP 0005-2002, 3.2.f)*				
7. Does the mortality storage have an impermeable base? *(GELPP 0005-2002, 3.2.g)*				
8. Is leachate collected at the mortality storage area? *(GELPP 0005-2002, 3.2.g)*				
9. Is the mortality storage area all-weather accessible? *(GELPP 0005-2002, 3.2.h)*				
10. Are abdominal cavities of carcasses greater than 100 pounds, punctured prior to on-site disposal? *(GELPP 0005-2002, 3.3.2.c and 3.3 b)*				
11. Does the site have a backup rendering service identified in the event that the usual rendering service is unavailable? *(GELPP 0005-2002, 3.3.1)*				
12. Does the compost-amendment storage area have all-weather access? *(GELPP 0005-2002, 3.3.2.a)*				
13. Does the compost area have run-on and runoff protection? *(GELPP 0005-2002, 3.3.2.b)*				
14. Does the compost facility prevent precipitation from entering the compost? *(GELPP 0005-2002, 3.3.2.g)*				

Questions	Yes	No	N/A	Comments
15. Is adequate space given to carcasses placed in the composter (6 inches from sidewalls, bottom or top of composter)? *(GELPP 0005-2002, 3.3.2.d)*				
16. Are composted carcasses and parts of carcasses covered with at least 12 inches of compost-amendment? *(GELPP 0005-2002, 3.3.2.e)*				
17. Does the compost facility have an impermeable base? *(GELPP 0005-2002, 3.3.2.f)*				
18. Is leachate from the compost facility collected? *(GELPP 0005-2002, 3.3.2.f)*				
19. Is compost landapplied according to a nutrient management plan? *(GELPP 0005-2002, 3.3.2.h)*				
20. Are burial areas not located in environmentally sensitive areas? *(GELPP 0005-2002, 3.3.3.a)*				
21. Does the burial pit have adequate cover? *(GELPP 0005-2002, 3.3.3.c)*				
22. Does the burial area have run-on protection? *(GELPP 0005-2002, 3.3.3.d)*				
23. Is the burial area protected from scavengers? *(GELPP 0005-2002, 3.3.3.e)*				
24. Does the burial area have all-weather access? *(GELPP 0005-2002, 3.3.3.f)*				
25. Are burial areas properly screened? *(GELPP 0005-2002, 3.3.3.g)*				
26. Do completed burial trenches have adequate cover? *(GELPP 0005-2002, 3.3.3.h)*				
27. Is the incinerator operational? *(GELPP 0005-2002, 3.3.4.a)*				
28. Is the capacity of the incinerator adequate for the site? *(GELPP 0005-2002, 3.3.4.b)*				
29. Does the incinerator have an adequate fuel supply? *(GELPP 0005-2002, 3.3.4.c)*				
30. Is access to the incinerator controlled? *(GELPP 0005-2002, 3.3.4.d)*				
31. Are fuel storage tanks, lines and connectors maintained free of leaks? *(GELPP 0005-2002, 3.3.4.e)*				

Assessor Verification and Signature

As the person conducting this assessment, I verify that this Assessment Form represents actual conditions at the facility at the time of the assessment, is accurate and complete as signed below:

Signature:_____ Date: _____

Print Name:_____

Would the producer be willing to allow a follow-up to evaluate the potential impact of the program?_____Yes _____No

Note: There is about a 10 percent chance that a producer will be contacted for a follow-up assessment. If this happens, the assessment scheduling will be coordinated with the appropriate farm personnel and all applicable biosecurity protocols will be adhered to, if an on-farm visit is needed.

ASSESSMENT FINDINGS

	CHALLENGES WITH RECOMMENDED ACTIONS
High Risks	

	STRENGTHS	CHALLENGES WITH RECOMMENDED ACTIONS
General Site		

	STRENGTHS	CHALLENGES WITH RECOMMENDED ACTIONS
Production Areas		

	STRENGTHS	CHALLENGES WITH RECOMMENDED ACTIONS
Manure Storage		

	STRENGTHS	CHALLENGES WITH RECOMMENDED ACTIONS
Land Application		

	STRENGTHS	CHALLENGES WITH RECOMMENDED ACTIONS
Mortality Management		

Other Comments	