

ACES AFO/CAFO QCP Annual Inspection/Evaluation Form

Submitted To ADEM By The Facility Operator/Owner Or Their Authorized Representative

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|--------------------------|------------------------------|---------------|--------------------------|-----------------|--|----------|
| REGISTRANT/OPERATOR NAME | | FACILITY NAME | | COUNTY | PRIMARY WASTE TYPE <input type="checkbox"/> Liquid <input type="checkbox"/> Dry | |
| ADDRESS | | | CITY | PHONE NUMBER | STATE | ZIP CODE |
| REGISTRATION # | REGISTRATION EXPIRATION DATE | | TOWNSHIP, RANGE, SECTION | | GPS LATITUDE & LONGITUDE | |
| PRIMARY ANIMAL TYPE | CURRENT # OF ANIMALS | | INSPECTION DATE | INSPECTION TIME | EVALUATION COMPLETE DATE | |

| <i>If more than one QCP participates in the evaluation, the responding QCP should initial the response.</i> | | | | | Yes | No | NI | N/A |
|---|--|--|--|--|-----|----|----|-----|
| 1. | Comprehensive WMSP for facility operations and land application activities including required component plans prepared, PE/QCP certified, and kept current? | | | | | | | |
| 2. | Any significant changes to the operation since the last QCP inspection or NOR submittal? | | | | | | | |
| 3. | Construction of any new or updated structures occurred since the last inspection? | | | | | | | |
| 4. | Number of animals currently confined consistent with the WMSP? | | | | | | | |
| 5. | All owner/operator controlled land application sites addressed in the WMSP? | | | | | | | |
| 6. | Records maintained to document proper facility operation and good housekeeping BMPs? | | | | | | | |
| 7. | Weekly inspections been performed and documented by the operator? | | | | | | | |
| 8. | Animal waste given/sold to CAWVs or others? If yes, indicate the % in the Yes Column. | | | | | | | |
| 9. | Temporary waste storage at the facility or in the field meets applicable requirements? | | | | | | | |
| 10. | Detailed records maintained to document the transfer of animal waste to others? | | | | | | | |
| 11. | Detailed records maintained to document proper land application? | | | | | | | |
| 12. | Detailed predicted and actual precipitation records for land application activities? | | | | | | | |
| 13. | Soil samples taken within the last 3-years for all land application sites? | | | | | | | |
| 14. | Effective erosion and sediment control BMPs implemented and maintained where needed? | | | | | | | |
| 15. | Any evidence of point source or nonpoint source discharges to groundwater or surface waters from the facility or land application sites? | | | | | | | |
| 16. | Applicable structures and land application buffers/setbacks implemented and followed? | | | | | | | |
| 17. | Records maintained documenting animal mortality management to ADAI requirements? | | | | | | | |
| 18. | Proper operation/management of drystack, composter, freezer, incinerator, etc.? | | | | | | | |
| 19. | Effective bio-security measures implemented to prevent disease and disease transmission? | | | | | | | |
| 20. | Nuisance/vector prevention/minimization BMPs implemented to the extent practicable? | | | | | | | |
| 21. | Odor prevention/minimization BMPs implemented to the extent practicable? | | | | | | | |
| 22. | SPCC BMPs implemented with no evidence of any fuel/chemical spills or contaminated soils? | | | | | | | |
| 23. | All contaminated stormwater contained or managed to prevent discharges of pollutants? | | | | | | | |
| 24. | All liquid/dry structures/conveyances/equipment constructed and operated to NRCS TSGs? | | | | | | | |
| 25. | Any evidence of irregularities/deficiencies with any dry or liquid waste structure(s)? | | | | | | | |
| 26. | Any other deficiencies, irregularities, or potential concerns identified by this evaluation and/or available information not otherwise addressed by this form? | | | | | | | |
| 27. | Comments Page attached? | | | | | | | |

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|---|------------------|--------------------------------------|------|
| The undersigned QCP has completed this evaluation and to the best of my knowledge, all information herein and attached is true and correct | | | |
| Printed Name of QCP | Signature of QCP | Designation & Certification # of QCP | Date |
| Printed Name of QCP | Signature of QCP | Designation & Certification # of QCP | Date |

| | | | |
|---|-----------------------------|--|------|
| The undersigned operator/owner has reviewed this form and to the best of my knowledge, all information herein and attached is true and correct | | | |
| Printed Name of Owner/Operator | Signature of Owner/Operator | | Date |

Detach and discard form Completion Considerations page(s) prior to submittal of form.

While submission of a detailed report prepared by a QCP based upon a comprehensive evaluation of the facility, operations, records, land application, etc. is required by ADEM Admin. Code Ch. 335-6-7, use of this ACES form is voluntary. Submission of this completed form will address ADEM's regulatory requirements for submission of an annual inspection by a QCP. However, the operator/owner is free to submit a comprehensive, detailed report prepared by a QCP using a different format with equivalent content which addresses applicable ADEM regulatory requirements.

ACRONYMS

ACES-Alabama Cooperative Extension System **ADAI**-Alabama Department of Agriculture & Industries **ADEM**-Alabama Department of Environmental Management **AFO**-Animal Feeding Operation **BMP**-Best Management Practices **CAFO**-Concentrated Animal Feeding Operation **CAWV**-ADAI Certified Animal Waste Vendor **NI**-Needs Improvement **NOR**-Notice of Registration **NRCS**-Natural Resources Conservation Service **PE**-Professional engineer registered in the State of Alabama **QCP**-Qualified credentialed professional consistent with ADEM Admin. Code Ch. 335-6-7 **TSGs**- Technical standards & guidelines **WMSP**-Waste Management System Plan

ITEMS THAT ADEM STAFF EVALUATES/CONSIDERS DURING INSPECTIONS & ENFORCEMENT

WMSP COMPONENTS

Potentially applicable WMSP component plans: • Record keeping • TSH- Manure/wastewater treatment, storage, & handling • EDRP- Emergency and natural disaster plan • Animal mortality management • Bio-security and disease transmission prevention • NMP-Nutrient management for all fields, including NRCS P-Index as applicable • Composter, freezer, incinerator operation • SPCC-Spill prevention control & countermeasures for stored fuels and chemicals • Feed management • Potable water management • Irrigation system • CBMPP-construction best management practices for land disturbance activities • Equipment maintenance? • Other applicable component plans? • NMP include phosphorous?

RECORD KEEPING

• Have detailed records been maintained to document that facility operation and any land application is consistent with WMSP, and meets/exceeds NRCS TSGs and ADEM requirements? • Is waste land applied on land owned or leased by the owner or operator? • Is animal waste given/sold/contracted to CAWVs or others? If CAWV, check ACES website to ensure certification was valid when waste was transferred. • Have detailed records been maintained to document the transfer of animal waste to CAWVs and others for all waste not accounted for in the operator's land application records? • Have detailed land application records been maintained, including NWS weather Forecast or Farmers Map, documenting compliance with requirements for rates, timing, location, buffers, etc.? • Have representative soil samples been taken within the last 3-years for all land application fields/sites and the NMP updated as needed to reflect the results? • Records maintained to document proper construction/management of animal mortality equipment/structures/wastes?

FACILITY OPERATION & MANAGEMENT

• Detailed, complete records? • Operator fully implemented/maintained effective BMPs that meet/exceed NRCS TSGs & ADEM requirements? • Vegetation established/managed on all slopes and erodeable areas at the facility and land application fields? • Are applicable production building, waste storage/treatment structure, well, surface water, occupied dwelling, and other buffers implemented or waivers from affected landowners documented? • BMPs to minimize odor generation to the extent practicable been implemented for all waste storage/treatment/transport, production buildings, and other aspects of the facility? • Any evidence of spillage/leachate from drystack/composter? • Carcasses fully covered? • Incinerator operation? • Have BMPs to minimize fly production, rodents, and other nuisances or potential disease vectors to the extent practicable been implemented/maintained for all waste storage/treatment/transport, buildings, and other aspects of the facility? • All contaminated stormwater diverted to a treatment/storage structure or managed to prevent discharges of pollutants? • Onsite wells being maintained to prevent contamination from facility operations and contaminated stormwater runoff?

NUTRIENT MANAGEMENT & LAND APPLICATION

• Detailed, complete records? • QCP should briefly evaluate selected fields representative of land application practices. *It is not necessary to inspect all fields where wastes/wastewater has been applied.* • Vegetation or cover crop consistent with WMSP and amount of waste/wastewater being applied? • Temporary waste storage located to prevent runoff? • All piles covered? • Are the crops/grasses grown on all land application sites consistent with WMSP and NRCS TSGs? • Are buffers and filter strips implemented/maintained at all land application sites? • All wastes/wastewater permanently/temporarily stored, transported, and managed according to NRCS TSGs? • Tons per acre applied noted? • Spreader calibration records? • Any evidence of spreading of incompletely composted mortality?

LIQUID WASTE MANAGEMENT

• Detailed, complete records? • Have all liquid waste storage/treatment/conveyance structures been evaluated within the last 5-years by an Alabama registered PE? PE certification is required to be submitted by the Operator of all defined/designated liquid waste CAFO operations. • Liquid level markers/gauges located in structures? • Liquid level records maintained? • Storm retention volume maintained to prevent discharges? • Any visible irregularities or deficiencies with any storage, treatment, conveyance structures (design freeboard, burrowing, trees, overgrown vegetation, eroded areas, wet spots, "green" vegetation spots, embankment settling/slumping/erosion, etc.)? • Any evidence of leakage of confinement structures/buildings or storage/treatment structures? • Any evidence of groundwater or surface water discharge, or other potential/noted problems, irregularities, or deficiencies, considering structure siting, operation, and/or maintenance? • Woody or unmanaged vegetation on embankment prevents full access to entire structure? • Liquid structure fenced with warning signs?