



Validus

**Environmental Review
Audit Standards**

Including:
Audit Standards

Validus Verification Services
a Division of Where Food Comes From, Inc.
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Environmental Review Audit Standards

GENERAL LIVESTOCK PRODUCTION FACILITY CONDITIONS

1. Facility is sited with consideration of neighbors
2. Water drainage from facility is controlled to minimize erosion and control nutrients
3. Livestock do not have direct access to surface water
4. Facility is not located in a flood plain without employing flood control measures
5. All water supplies used for human or animal consumption are tested for nutrients and bacteria at least annually
6. Facility has a written emergency action plan addressing emergency response and prevention as well as mitigation of negative environmental impacts arising from an emergency situation
7. Production site is maintained to prevent erosion
8. Site and buildings are maintained to control pests and minimize dust and odor
9. Trained personnel conduct site inspections at a frequency to allow for timely correction of problems
10. Structural design drawings and specifications are maintained on site and accessible for the life of the production site

GENERAL LIVESTOCK PRODUCTION AREAS

1. Manure collection equipment and materials are maintained in working order and are effective
2. Animal living areas and access areas are kept free of manure accumulations, excess water, spilled feed, pest activity and trash
3. Air quality in production areas is maintained to provide a healthy environment for workers and animals
4. Open lots are managed to minimize dust generation and release
5. Pasture stocking density and management does not result in erosion and damage to vegetation
6. Shade structures are managed to prevent erosion
7. Trained personnel conduct livestock production area inspections at a frequency to allow for timely correction of problems
8. A written inspection schedule as well as completed, signed and dated records are maintained

Environmental Review Audit Standards, continued

OUTDOOR MANURE AND STORM WATER STORAGE

1. Manure storage areas have adequate capacity to support facility manure production and schedule of removal
2. Containment structures are constructed and managed to prevent run-off from entering structures
3. The facility has a written sludge management plan
4. Transfer systems for liquid manure are equipped with emergency shut-off devices
5. Unauthorized access to manure storage areas by humans, livestock and wildlife is prevented
6. Solid manure storage areas have impermeable floors and a cover
7. Trained personnel conduct manure collection and storage area inspections at a frequency to allow for timely correction of problems
8. A written inspection schedule as well as completed, signed and dated records are maintained

MANURE UTILIZATION

1. Manure application equipment is maintained in working order and cleaned to prevent manure spillage and to minimize odor generation
2. Manure must be applied to prevent drift and run-off into sensitive areas
3. Producer has written manure transfer and spreading agreements with all who accept manure for off-site use
4. All manure is sampled and analyzed for nutrient content
5. Producer's emergency action plan addresses uncontrolled release in case of accident, malfunction, negligence or intentional acts during transfer and land application both on producer-controlled land and non producer-controlled land
6. Manure application equipment is calibrated at least annually
7. Producers notify neighbors adjacent to land application areas prior to application season
8. Irrigation systems are visually monitored on schedule
9. Trained personnel conduct manure application equipment inspections at a frequency to allow for timely correction of problems
10. A written inspection schedule as well as completed, signed and dated records are maintained
11. Manure application logs are maintained

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MORTALITY MANAGEMENT

1. Producer has a mortality management plan that includes all aspects of mortality management at the facility
2. Carcasses are removed from the animal living area within 24 hours
3. Mortality storage/collection areas and burial areas are screened from off-site public view
4. Mortality storage/collection area is maintained to prevent unauthorized public or scavenger access
5. Mortality storage areas have an impermeable base
6. If off-site rendering is the primary method of mortality disposal, there is a contingency plan including at least one alternate carcass hauler
7. Composting areas and burial locations must have clean water diversions
8. Burial areas are not in sensitive areas
9. All mortality management areas are inspected at a frequency to allow for timely correction of problems
10. Records pertaining to mortality management, hauling and rendering facility agreements, and burial location logs are maintained